THE PANAMA CANAL RECORD

VOLUME 29

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THE PANAMA CANAL RECORD

PUBLISHED MONTHLY UNDER
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AUGUST 15, 1935 TO JULY 15, 1936

VOLUME XXIX
WITH INDEX

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BALBOA HEIGHTS, CANAL ZONE
1936

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Traffic Through the Panama Canal in July 1935

The total vessels of all kinds transiting the Panama Canal during the month of July 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	Jnly 1933	July 1934	July 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	382	394	196	181	377
Local commercial vessels [1]	27	40	31	21	52
Noncommercial vessels:					
United States Government	31	45	13	13	26
Colombian Government	.....	.....	.....	2	2
For repairs	1	4	1	1	2
Total	441	483	241	218	459

[1] Vessels under 300 net tons Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [1]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended July 31, 1935, as compared with the same period in the previous year.

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35
August	393	401	2,158,755	2,245,247	1,912,679	2,187,780	$1,828,320.19	$1,906,821.39
September	385	435	2,095,215	2,332,351	1,795,540	2,142,832	1,757,083.14	1,947,536.76
October	433	467	2,414,410	2,516,087	2,123,972	2,172,752	2,034,963.22	2,098,299.03
November	432	469	2,393,779	2,546,417	1,948,655	2,339,001	2,000,060.65	2,137,916.55
December	476	443	2,616,777	2,331,250	2,191,245	2,089,310	2,203,319.45	1,952,192.57
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	2,159,642.48	1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
Jnne	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
Total	5,246	5,163	28,678,174	27,664,268	24,940,568	25,153,105	24,139,303.35	23,167,803.23

Traffic by Nationality of Vessels [1] for July 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British [2]	78	435,910	377,035	Norwegian	39	183,297	211,069
Chilean	2	7,351	7,257	Panamanian	11	25,610	17,889
Danish	10	46,467	37,790	Peruvian	1	1,640	1,536
Danzig	3	19,943	16,870	Swedish	7	34,112	48,605
French	12	67,138	71,342	United States	155	900,703	715,328
German	25	105,755	95,895	Jugoslav	1	4,567	8,300
Italian	4	30,757	9,476				
Japanese	21	129,796	113,551	Total	377	2,035,873	1,777,815
Netherlands	8	42,827	45,872				

[1] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[2] Includes 1 naval vessel of 10,380 tons displacement.

Traffic by Trade Routes, July 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at time of transit. Cargo may be laden or discharged between the terminal areas indicated, hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	58	342,176	176,985	47	299,365	290,515
East coast United States and:						
Canada	.....	.....	.....	3	15,225	22,617
Central America	1	2,310	4,062	.....	.....	.....
South America	13	55,185	24,535	12	54,554	106,735
Hawaiian Islands	3	14,950	6,100	6	29,795	48,963
Australasia	6	35,063	30,878	1	5,155	8,300
Philippine Islands	7	46,171	28,988	15	95,251	92,155
Far East	19	107,362	132,722	4	21,833	9,576
Canadian intercoastal	1	3,300	6,834	.....	.....	.....
East coast Canada and:						
United States	1	3,235	6,454	.....	.....	.....
Australasia	2	9,983	9,175	4	18,289	11,133
Far East	.....	.....	.....	1	4,343	7,156
South American intercoastal	6	12,198	16,001	3	5,829	3,379
East coast South America and:						
Canada	2	9,809	11,295	1	5,020	3,671
Central America	1	1,549	774	.....	.....	.....
Far East	1	7,606	4,796	.....	.....	.....
Cristobal and:						
Central America	3	2,545	1,709	6	7,887	2,776
South America	7	5,786	2,214	9	7,868	7,082
West Indies and:						
United States	2	11,726	.....	.....	.....	.....
South America	.....	.....	.....	2	3,450	.....
Far East	1	6,554	12,942	.....	.....	.....
Europe and:						
United States	7	43,346	13,649	9	43,865	80,360
Canada	24	143,798	64,363	26	153,945	184,287
Central America	1	5,012	3,292	.....	.....	.....
South America	16	105,230	30,544	21	118,848	176,614
Hawaiian Islands	.....	.....	.....	1	5,635	11,090
Australasia	9	73,465	48,551	5	35,652	31,339
Philippine Islands	1	6,736	987	.....	.....	.....
Far East	1	6,345	.....	1	5,702	8,795
Egypt and South America	.....	.....	.....	2	8,889	16,100
Foreign vessels in ballast (United States intercoastal)	.....	.....	.....	1	3,190	.....
Around the world	2	17,694	11,255	1	7,049	6,067
Vessels not engaged in commerce	[1] 1	.....	.....	.....	.....	.....
Total	196	1,079,134	649,105	181	956,739	1,128,710

[1] One naval vessel.

Origin and Destination of Cargo by Major Areas, July 1935

The following table summarizes the origin of cargo passing through the Canal in July 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	190,495	14,659	163,220	21,546	30,878	420,798
Other North America	8,164	19,324	13,035	8,817	9,288	58,628
Europe	48,319	14,211	.....	28,619	47,947	139,096
Miscellaneous	12,749	492	3,014	13,816	512	30,583
Total	259,727	48,686	179,269	72,798	88,625	649,105

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	290,248	9,679	135,471	1,093	436,491
Canada	20,218	1,557	127,506	789	150,070
Other North America	49,836	2,054	12,782	.....	64,672
South America	104,480	15,656	173,515	16,259	309,910
Australasia	16,663	6,142	27,967	.....	50,772
Asia	96,726	11,215	8,795	59	116,795
Total	578,171	46,303	486,036	18,200	1,128,710

Principal Commodities

Commodities which aggregated 10,000 or more tons either during July 1935, or in the corresponding month in 1934 are listed below:

Commodity	July		Commodity	July	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Automobiles and parts	16,074	18,193	Coffee	7,395	12,232
Coal and coke	5,986	10,595	Cold storage (food products)[1]	17,747	10,710
Cotton, raw	31,118	9,685	Copra	8,102	14,219
Creosote	18,047	126	Cotton, raw	12,478	16,200
Iron and steel	100,548	101,744	Flour	5,775	26,971
Metals	14,752	19,954	Fruit, dried	10,679	18,183
Mineral oils	55,528	45,527	Fruit, fresh[2]	11,964	30,068
Ores	1,691	15,951	Lumber	45,753	89,315
Paper	24,341	34,400	Metals (principally copper)	51,133	49,584
Phosphates	25,071	18,656	Molasses and syrups	.....	19,698
Railroad material	1,516	10,946	Nitrates	78,853	58,289
Scrap metal	99,192	86,341	Oils, mineral	449,284	226,929
Sugar	345	11,678	Oils, vegetable	14,505	14,626
Sulphur	11,365	9,934	Ores (principally iron)	147,245	100,416
Tinplate	10,053	23,950	Soy beans	82,068	8,811
			Sugar	107,572	121,848
Pacific to Atlantic			Wheat	95,536	83,504
Barley	18,722	3,133	Wool	4,076	11,694
Canned goods, various	47,048	52,623			

[1] Does not include fresh fruit. [2] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of July 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Agricultural implements	789	7	2,897	7
Alfalfa meal	.....	1,571	.....	1,621
Ammonium compounds	75	28	5,647	30
Animal foods[1]	71	464	71	714
Apparel, wearing (hats, shoes, clothing, etc.)	871	.....	1,151	1
Asbestos	225	.....	1,154	.....
Asphalt and tar	290	1,586	9,032	2,114
Automobiles (and autotrucks)	2,345	118	13,599	126
Automobile parts and accessories	689	86	4,594	86
Bags and bagging, textile	516	39	784	244

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Bananas	.....	.....	35	1,805
Barks, miscellaneous	31	.....	83	651
Barley	18	765	18	3,133
Beans, edible, dry	52	3,311	52	9,315
Beer	112	.....	127	5
Beverages, nonalcoholic	248	.....	271	.....
Blood and tankage	.....	.....	449	62
Bones and bone meal	.....	47	789	47
Books and printed matter	57	.....	72	.....
Borax	125	870	175	5,937
Bran and pollards	18	97	79	802
Bricks and tile	50	.....	303	27
Camphor, crude	.....	.....	.....	47
Canned and preserved goods:				
Fish	635	10,562	958	13,233
Fruit	1,001	13,121	1,004	26,077
Meat	45	642	2,056	735
Milk	235	152	512	397
Soup	1,151	65	1,205	65
Vegetables	750	2,296	865	2,610
Miscellaneous and unclassified	2,074	6,828	2,453	9,506
Carbon black	80	.....	593	.....
Celite	.....	236	.....	236
Cement	250	3	7,734	3
Chalk	.....	.....	1,118	.....
Charcoal	31	.....	33	.....
Chemicals [1]	3,845	1,258	8,365	3,189
Clay, china and fire	314	100	1,288	100
Clay, filtering	28	243	58	322
Coal	1,865	1	2,240	7,302
Cocoa and cacao beans	18	.....	678	2,864
Coconuts and products [1]	.....	829	.....	1,194
Coffee	575	90	6,316	12,232
Coke	.....	.....	8,355	.....
Cold storage and refrigerated products:				
Dairy products	157	27	295	2,748
Eggs	.....	99	.....	323
Fish	3	200	13	475
Lard	95	9	201	9
Meats	5	.....	176	6,178
Vegetables	.....	1	2	804
Other and unclassified	220	8	280	173
Confectionery	976	.....	1,001	.....
Copra	.....	431	51	13,882
Copra meal and cake	.....	.....	.....	337
Corn	.....	.....	2,208	.....
Cotton, raw	62	512	9,685	16,200
Creosote	100	.....	126	.....
Drugs and medicines	1,124	.....	1,329	45
Dyes	.....	.....	240	1
Earthenware	.....	.....	246	452
Eggs, dried	10	13	10	25
Electrical apparatus and appliances	755	155	1,064	258
Explosives	.....	2	2,003	2
Extract, quebracho	35	.....	875	.....
Fertilizers [1]	127	293	1,484	449
Fish, salted or dry-cured	.....	.....	.....	15
Fish meal	.....	90	.....	1,354
Floor coverings	726	423	739	479
Flour	128	24,606	716	26,971
Fruit, dried	4	6,394	124	18,183
Fruit, fresh [1]	.....	6,695	.....	30,068
Furniture and household goods	1,367	299	1,418	385
Gallnuts	.....	.....	.....	10
General	16,697	10,618	50,529	20,656
Glass and glassware	2,959	113	5,619	414
Glue	34	133	59	188
Groceries	1,022	62	1,286	82
Grains [1]	.....	43	48	43
Guano	.....	.....	.....	5,250
Gums	29	103	29	112
Hair, all kinds	75	6	75	92
Hay	.....	755	.....	901
Hemp, unmanufactured	1,723	76	1,723	1,427
Honey	.....	40	.....	532
Hops	.....	5	.....	6
Horns and hoofs	.....	.....	.....	38
Infusorial earth	.....	635	.....	968
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	60,123	894	101,744	970

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Ivory nuts	.....	.....	71	2,289
Jute, unmanufactured	86	60	458	60
Lard substitute	506	171	511	222
Lime	40	.....	40	.....
Liquors	3,289	325	4,577	335
Lumber (including manufactured mill products)	3,047	32,851	5,495	89,315
Machinery	3,481	688	8,364	732
Malt	.....	.....	1,295	90
Manufactured goods [1]	4,227	825	7,976	3,844
Marble and granite	110	.....	183	.....
Matches	324	148	418	155
Metals:				
Antimony	.....	45	.....	45
Copper	167	9,804	5,240	32,534
Gold and silver	.....	.....	25	21
Iron	2,043	39	11,828	39
Lead	47	1,084	1,918	8,953
Tin	303	93	366	944
Zinc	34	.....	262	6,043
Other and unclassified	183	49	315	1,005
Milk, powdered	96	367	106	422
Molasses and syrups	110	.....	110	19,698
Nitrates	2,389	.....	6,057	58,289
Nuts, edible (including meats)	.....	81	613	387
Oats	177	1,439	177	4,497
Oils, mineral:				
Crude	.....	.....	.....	134,008
Gas and fuel	103	.....	25,103	975
Gasoline, benzine, and naphtha	14	69,534	514	90,255
Kerosene	.....	.....	152	.....
Lubricating and greases	8,426	1,548	19,757	1,551
Other and unclassified	.....	.....	1	140
Oils, vegetable:				
Coconut	.....	493	20	5,644
Cottonseed	.....	.....	1,494	2
Linseed	15	.....	872	.....
Olive	57	.....	356	.....
Rapeseed	.....	.....	.....	628
Wood	.....	.....	.....	1,564
Other and unclassified	228	1,649	1,073	6,788
Oil, fish	29	28	174	28
Oil, whale	.....	.....	.....	91
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	50	369	1,863
Oilseed cake and meal	.....	11	.....	3,550
Ores:				
Antimony	.....	.....	.....	303
Chrome	119	.....	119	8,300
Copper	30	2,036	30	6,679
Gold and silver	.....	.....	7,927	52
Iron	.....	.....	1,680	65,645
Lead	.....	.....	4,727	2,301
Magnesite	.....	2,222	200	2,222
Manganese	736	.....	756	.....
Tin	.....	.....	.....	1,718
Zinc	.....	45	215	2,411
Other and unclassified	.....	6	297	10,785
Paints and varnishes	1,008	75	2,818	103
Paper and paper products [1]	10,811	4,827	33,585	8,729
Paper scrap	.....	673	815	682
Peanuts	280	.....	280	21
Peas, dry	115	27	115	1,012
Peatmoss	.....	.....	652	.....
Phosphates	84	210	18,656	5,510
Plaster	.....	.....	27	.....
Porcelainware	952	214	1,740	2,921
Potash	30	677	3,334	677
Pyrethrum flowers	.....	.....	.....	40
Rags and waste	48	213	1,786	1,248
Railroad material	1	.....	10,946	.....
Rice	117	647	387	4,011
Rope and twine	269	66	613	140
Rosin	907	.....	6,710	.....
Rubber:				
Manufactured	779	40	1,186	3,778
Raw	.....	.....	83	4,690
Scrap	23	56	48	139
Salt	192	297	2,841	302
Sand	970	.....	5,448	.....
Scrap metal	244	513	86,341	1,492
Seeds (except oilseeds)	.....	300	509	590

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Sewer pipe (concrete and terra cotta)	463	.....	463	.....
Shells, oyster	291	.....	299	.....
Silk, raw	.....	1,106	.....	3,004
Skins and hides	.....	2,495	442	6,914
Slag	.....	.....	485	.....
Slate	574	.....	574	.....
Soaps and products	1,835	71	1,983	334
Soda and sodium compounds:				
Soda ash	1,341	.....	2,099	899
Soda, caustic	18	.....	1,101	.....
Miscellaneous and unclassified	1,375	.....	1,656	12
Soy beans	13	.....	13	8,811
Sugar	91	31,454	11,678	121,848
Sulphur	9,495	20	9,934	1,533
Talc	54	50	77	204
Tallow	.....	42	.....	3,515
Tea	.....	5	116	471
Textiles [2]	5,111	360	9,342	3,274
Tinplate	12,394	.....	23,950	.....
Tobacco and manufactures	1,092	38	3,528	177
Toilet preparations	635	.....	777	13
Turpentine	78	.....	411	.....
Vegetables, dry [1]	.....	.....	20	.....
Wall board	18	348	73	1,133
Wax, paraffin	109	26	979	165
Wheat	.....	6,329	.....	83,504
Wines	222	1,203	803	1,796
Wood pulp	5	6,563	4,447	7,558
Wool	.....	6,457	83	11,694
Total, July 1935	190,495	290,248	649,105	1,128,710
Total, July 1934	161,322	324,032	593,822	1,341,740
Total, July 1933	214,816	431,309	485,145	1,213,894

[1] Except as otherwise classified. [2] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during July 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	11	64,474	.....	6	36,233	69,534
East coast United States and:						
Hawaiian Islands	.....	.....	.....	1	4,286	[1] 7,946
Far East	.....	.....	.....	1	5,041	.....
South American intercoastal	1	5,278	12,058	.....	.....	.....
West Indies and:						
United States	2	11,726	.....	.....	.....	.....
Far East	1	6,554	12,942	.....	.....	.....
Europe and:						
United States	2	14,572	.....	7	36,907	75,397
South American	7	42,973	.....	6	39,384	78,315
Far East	1	6,345	.....	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	5,635	[1] 11,090
Total	25	151,922	25,000	22	127,486	242,282

[1] Molasses.

Comparison of Canal Traffic in July 1935, with July Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of July			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	160	[1] 542	715	1915	[2] 100	361	466
1916	137	481	623	1916	60	199	258
1917	174	556	664	1917	145	483	588
1918	161	496	584	1918	165	547	627
1919	153	510	568	1919	162	510	576
1920	216	855	866	1920	199	712	781
1921	195	810	709	1921	232	950	966
1922	248	1,128	1,211	1922	222	951	907
1923	465	2,309	2,338	1923	325	1,550	1,631
1924	412	2,035	2,097	1924	429	2,179	2,249
1925	403	1,950	1,960	1925	382	1,904	1,996
1926	445	2,154	2,185	1926	424	2,064	2,169
1927	492	2,405	2,449	1927	441	2,184	2,311
1928	492	2,317	2,291	1928	521	2,453	2,468
1929	512	2,467	2,597	1929	524	2,485	2,554
1930	473	2,438	2,401	1930	502	2,497	2,502
1931	394	2,109	1,865	1931	447	2,314	2,089
1932	299	1,675	1,259	1932	364	1,968	1,650
1933	382	2,050	1,698	1933	347	1,900	1,513
1934	394	2,177	1,934	1934	436	2,379	2,059
1935	377	2,036	1,778	1935	432	2,317	2,109
				(3)	421	2,242	2,032

[1] Canal opened August 15, 1914. [2] Average for 10½ months. [3] Average 7 months of calendar year 1935.

Terminal Activities

Ships repaired during the month of July 1935 numbered 47, including 10 which were drydocked. Fuel oil in the quantity of 252,045 barrels was delivered as bunkers to 96 commercial ships. Bunker coal amounting to 2,042 tons was delivered to 17 commercial ships. Sales of commissary supplies to ships aggregated $48,525.22.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ... tons	30,909	32,600	63,509
Local cargo arriving ... tons	19,669	6,917	26,586
Local cargo shipped ... tons	5,408	452	5,860
Cargo received for transshipment ... tons	37,851	2,437	40,288
Cargo transshipped ... tons	38,189	1,849	40,038
"Canal Zone for Orders" cargo:			
Number of receipts issued	8	2	10
Number of releases issued	62	13	75
Tons received	219	7	226
Tons withdrawn	61	6	67

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	445	2,790,834	1,656,634	416	2,525,098	1,500,186
Vessels entering port but not transiting Canal	54	327,781	186,311	14	57,165	31,701
Vessels transiting Canal and handling passengers and cargo at terminal ports	144	934,364	553,066	87	656,810	375,122
Ships clearing						
All vessels, including those transiting Canal	442	2,787,230	1,653,155	417	2,514,096	1,494,744
Vessels clearing port but not transiting Canal	55	336,621	189,677	12	50,512	28,139
Vessels transiting Canal and handling passengers and cargo at terminal ports	142	934,059	553,179	88	658,010	376,3[illegible]2

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, July 15, 1935, to midnight, August 15, 1935. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Rita, 50, 188
Oregon, 19, 322
Contessa, 136, 365
Boskoop, 47, 214
Benjamin Franklin, 4, 314
Sekstant, 403, 682
Canada, 84, 0
Rialto, 62, 0
Virgilio, 24, 450
Auditor, 164, 4
Lochkatrine, 106, 253
Aller, 26, 334
Karnak, 120, 0
Kano Maru, 165, 0
Iris, 0, 17
Guayaquil, 1,241, 409
California, 0, 6
Peten, 130, 36
Dusseldorf, 9, 131
Santa Marta, 656, 118
Santa Inez, 661, 671½
Tillie Lykes, 887, 319
California, 336, 0
Canadian Conqueror, 69, 540
Shinko Maru, 243, 0
Santa Monica, 19, 1,082
Toloa, 638, 371
Haiti, 59, 792
Marsodak, 48, 0
Istmo, 354, 23
Manizales, 1,028, 503
Granville, 4, 0
Kwanto Maru, 838, 270
Caribia, 2½, 1,338½
Trois Ilets, 259, 0
President Cleveland, 427, 0
Peten, 13, 74
Acajutla, 359, 265
Santa Elena, 100, 0
Punta Arenas, 142, 0
Loriga, 53, 249
Narenta, 171, 23
Cali, 0, 208
Schwaben, 192, 461
Amapala, 77, 335
Crijnssen, 40, 6
Real, 13, 23
Velma Lykes, 384, 120
Santa Maria, 507, 4
La Paz, 159, 4
R. L. Hustler, 2, 0
Emergency Aid, 29, 40
Cristobal, 1,701, 710
Santa Clara, 340, 189
San Pedro, 498, 6
Tai Yang, 637, 0
Veragua, 85, 78
Santa Rosa, 62, 142
San Clemente, 153, 1
Sixaola, 628, 364
San Antonio, 139, 737
Ilmar, 170, 251
Crijnssen, 82, 255
Pastores, 145, 1,087
Ulua, 592, 624
Canadian Cruiser, 29, 265
Orazio, 118, 96
Komaki Maru, 324, 0
Istmo, 672, 37
Durazzo, 718, 38
India, 4, 0
West Camargo, 259, 0
Veragua, 5, 166
San Felipe, 169, 0
Bennekom, 179, 3
Delftdijk, 231, 130
Santa Catalina, 1,562, 0
Roda, 15, 231
Pasajero, 0, 14
Tacoma, 390, 340
De la Salle, 84, 254
Santa Barbara, 155, 358
Contessa, 170, 405
Mayan, 446, 716
Sutherland, 111, 0
Hokkai Maru, 557, 141½
Portland, 91, 413
Dakarian, 250, 0
Buenaventura, 1,409, 626
Santa Rita, 709, 192
President Johnson, 1, 0
Quirigua, 161, 151
Reina del Pacifico, 93, 170
Colombia, 102, 0
Zacapa, 531, 323
Santa Catalina, 137, 879
Trois Ilets, 345, 0
Calamares, 540, 446
Colombia, 135, 1,056
Durazzo, 60, 195
Iris, 584, 151
Tercero, 139, 0
Nuevo Panama, 242, 119
Istmo, 303, 41
Nanman Maru, 189, 0
Cerigo, 1,030, 340
Sewalls Point, 8,342, 0
Rosandra, 0, 270
Phoenicia, 188, 52
Quirigua, 54, 156
President Pierce, 478, 0
San Diego, 67, 342
Patricia, 554, 1,112
Santa Paula, 147, ½
Niel Maersk, 51, 0
Nojima Maru, 615, 0
Alkmaar, 13½, 103½
Hoyanger, 40, 0
Drechtdijk, 169, 4
Amapala, 159, 285
Salvador, 318, 491
Osnabruck, 57, 141
Laurits Swenson, 201, 5
Orbita, 53, 220
New York, 139, 1½
Santa Lucia, 592, 3
Ancon, 4,547, 910
Iris, 25½, 23
Ward, 353, 0
Steelore, 8,790, 0
Abraham Lincoln, 0, 143
Elbe, 630, 216
Peten, 154, 85
Santa Elena, 59, 122
Washington, 57, 143
Metapan, 335, 399
Nosa Queen, 6, 334
Santa Maria, 455, 109
Phrygia, 154, 1,098
Istmo, 610, 27
Toloa, 517, 329
Haiti, 491, 926
Cali, 1,147, 0
Colombia, 1, 384
Buenos Aires, 0, 249
Juanita, 366, 0
Arica, 3, 42
Cordillera, 821, 16
Peten, 60, 109½
Trois Ilets, 133, 0
Nagara Maru, 0, 560
Erlangen, 14, 375
Santa Monica, 814, 1
Santa Inez, 292, 118
Tillie Lykes, 359, 231
Canadian Britisher, 156, 0
Este, 206, 235
Contessa, 127, 699
Losada, 121, 213
Indra, 12, 0
Magallanes, 133, 226
Barneveld, 258½, 36
Chilore, 10,099, 0
Sekstant, 506, 694
Guayaquil, 1,324, 0
Santa Barbara, 696, 310
San Bernardino, 250, 0
Dramatist, 190, 1
Barneveld, 258½, 36
Istmo, 603, 101

BALBOA

St. Mihiel, 98, 83
Peter Maersk, 62, 0
Ludington, 25, 0
Chateau Thierry, 1,035, 170
Santa Rita, 36, 0
Santa Monica, 37, 172
Virginia, 10, 0
Akaroa, 38, 0
Neches, 6,109, 0
President Hayes, 47, 0
Santa Inez, 133, 21
Istmo, 335, 0
Nora Maersk, 0, 10
Sextant, 0, 30
Talamanca, 306, 220
Santa Monica, 0, 134
Granville, 1,033, 33
Santa Elena, 306, 0
Marpessa, 9,546, 0
Dageid, 2,220, 0
Neches, 0, 5
Santa Maria, 41, 0
San Antonio, 401, 0
Tai Yang, 399, 0
Santa Rosa, 15, 110
Santa Clara, 201, 73
Santa Maria, 12,728, 33
West Carmago, 731, 0
Chiriqui, 527, 85
Pennsylvania, 10, 2
Bokuyo Maru, 17, 0
John Bakke, 96, 0
Istmo, 386, 0
St. Mihiel, 83, 0
Virginia, 41, 105
President Johnson, 20, 6
Santa Rita, 223, 2
Rosandra, 279, 0
Rotorua, 14, 0
Mayan, 0, 10
Santa Catalina, 0, 298
Antigua, 322, 192
Santa Paula, 313, 12
Republic, 709, 24
Santa Lucia, 105, 23
Washington, 446, 22
Laurits Swenson, 657, 0
Santa Elena, 19, 174
Santa Maria, 188, 38
Talamanca, 319, 191
Cerigo, 0, 1
Santa Inez, 0, 13
Grant, 19, 0

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,102; embarking, 1,869; at Balboa, 796 disembarking and 986 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,921, from the Pacific to the Atlantic, 3,457. Aircraft numbering 46 entered Cristobal, and 136 passengers disembarked; clearances were 44, with 80 passengers embarking; at Balboa entries of aircraft were 33, with 47 passengers disembarking; clearances were 33, with 38 passengers embarking.

Supplement No. 8—Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters

BALBOA HEIGHTS, C.Z., *July 26, 1935.*

The following additional regulation is hereby added to Chapter VII, Accidents and Claims, of the Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters:

Regulation 97.1. *Fires aboard vessels; Port Captain to be in charge of:* In case of fires aboard vessels, the Port Captain shall be in complete charge for the purpose of coordinating the various Panama Canal or Panama Railroad functions engaged or concerned.

J. L. SCHLEY,
Governor.

Movements of Ocean Vessels Through the Panama Canal

From midnight July 15, 1935, to midnight August 15, 1935

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Marore	16	16	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Antofagasta	16	16	Chile	Cia. Chile Nav. Inter	New York, N.Y.	Valparaiso, Chile.	Sugar,oil,etc.	1,708
Point Arena	16	16	Amer.	Swayne & Hoyt	Mobile, Ala.	Powell Riv., B.C.	General	3,789
Ontariolite [1] [2]	16	16	Brit.	Imperial Oil Co.	Caripito, Venez.	Tocopilla, Chile.	([13])	12,058
Montanan	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,710
Sez-U [5]	...	...	Amer.	E. P. Light	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Hokuroku Maru [2]	17	17	Jap.	Osaka Shosen Kaisha.	New York, N.Y.	Kobe, Japan	General	7,343
Canada [2]	17	17	Swed.	Johnson Line	Sweden	Vancouver, B.C.	Paper, gen.	2,530
Boskoop	16	17	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	2,492
Oregon [2]	16	17	Fr.	French Line	Havre, France	Vancouver, B.C.	Coke, steel	7,640
William Luckenbach.	18	18	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,733
Queen City	18	18	Brit.	Mitsubishi & Co.	Beaumont, Tex.	Yawata, Japan	Scrap iron	7,817
Willsolo	18	18	Amer.	Amer.-Hawaiian Line.	Bridgeport,Conn.	Seattle, Wash.	General	3,706
Rialto [2]	17	18	Ital.	Nav. Libera Triestina.	Trieste, Italy	Vancouver, B.C.	General	2,098
Naruto Maru [2]	18	18	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	6,242
Chinese Prince [2]	18	18	Brit.	Prince Line, Ltd.	Philadelphia, Pa.	Yokohama,Japan	General	6,357
Iris	12	18	Neth.	Royal Neth. S.S. Co.	Pto. Colombia	Tumaco, Col.	General	89
Corrientes	18	18	Brit.	Donaldson Line	Glasgow, Scot.	Seattle, Wash.	General	982
Leonet [3]	18	...	Pan.	A. Ferrari	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Hayes	19	20	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	7,511
California	19	19	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	2,890
Worden [9]	19	22	Amer.	U.S. Navy	Norfolk, Va.	Mare Island, Cal.	Ballast	.....
Moldanger [2]	18	19	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Birmingham City	18	19	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Hilo, T.H.	Sulphate, gen.	1,671
Canonesa	18	19	Brit.	Furness Prince Line	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Alexia [1] [2]	18	19	Brit.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	.....
Zurichmoor	18	19	Brit.	Moor Line, Ltd.	Sydney, N.S.	Vancouver, B.C.	Steel rails	6,824
City of Glasgow	19	19	Brit.	Ellerman Lines, Ltd.	New York, N.Y.	Sydney, Aust'lia	General	2,778
Dusseldorf [2]	19	19	Ger.	North German Lloyd.	Hamburg, Ger.	S. Antonio, Chile.	General	.....
Gar [5]	...	...	Amer.	Robert Hansen	Gatun, C.Z.	Balboa, C.Z.	Ballast	.....
Hegira	19	20	Amer.	Pac. Coast Dir. Line.	New York, N.Y.	Tacoma, Wash.	General	4,685
California	19	20	Amer.	States S.S. Co.	New York, N.Y.	Portland, Oreg.	General	1,714
Port Fairy [2]	19	20	Brit.	Com'lth & Dom. Line	London, England	Timaru, N.Z.	General	7,700
Steel Age	20	20	Amer.	Isthmian S.S. Lines	Mobile, Ala.	S. Francisco, Cal.	Steel prod.	6,545
Dorothy Luckenbach.	20	20	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	3,418
Stanford [2]	20	20	Nor.	LongIs.Mach.&Equip.	Mobile, Ala.	Yawata, Japan	([14])	8,011
Willesden	20	20	Brit.	Mersey Shipping Co.	Liverpool, N.S.	Dunedin, N.Z.	Paper	3,891
King William [2]	20	20	Brit.	Eagle Oil Co.	Tampico, Mex.	Frem'tle, Aust'lia	Asphalt	7,007
Dilworth [1]	20	20	Amer.	Shell Petroleum Co.	Perth Amboy, N.J	Los Angeles, Cal.	Ballast	.....
Santa Inez [2]	19	21	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,178
Nora Maersk [2]	20	20	Dan.	Maersk Line	Boston, Mass.	Cebu, P.I.	General	6,580
Iowan	20	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,344
Marsodak	20	21	Amer.	Chiriqui Land Co.	Savannah, Ga.	Seattle, Wash.	([15])	4,394
Granville [2]	21	22	Pan.	Fred Olsen Line	Oslo, Norway	Vancouver, B.C.	Gen., cement	2,570
Muncaster Castle [2]	21	21	Brit.	Barber Line	New York, N.Y.	Moji, Japan	General	4,079
Santa Monica [2]	19	22	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	1,108
Sekstant	16	22	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	714
Istmo	21	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	50
Svealand [2]	21	22	Swed.	Ore S.S. Corp.	New York, N.Y.	Cruz Gr'de, Chile	Ballast	.....
Susan V. Luckenbach.	21	22	Amer.	Luckenbach Line	Providence, R.I.	Seattle, Wash.	General	896
Paula	21	22	Dan.	West Coast Line	New York, N.Y.	Talcahuano,Chile	General	650
Oregon Express [2]	21	22	Nor.	Fruit Express Line	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	.....
Pacific Grove [2]	21	22	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	370
Cali	13	22	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	208
Kurama Maru [2]	22	22	Jap.	Kokusai Line	New York, N.Y.	Kobe, Japan	Oil, general	8,557
Rio de Janeiro Maru. [2]	21	22	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	General	4,796
President de Vogue. [1] [2]	22	22	Nor.	Comp.des Prod.Chem. et Raffineries Berre.	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
Vermar	22	22	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,231
Snestad [2]	22	22	Nor.	Fern Line	New Orleans, La.	Yawata, Japan	([16])	7,004
Mae Q. T. [5]	...	...	Amer.	E. V. & E. C. Brown.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Pirate [3]	22	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [17]	.....	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Neches [1]	19	23	Amer.	U.S. Navy	Cristobal, C.Z.	Los Angeles, Cal.	Ballast	.....
Port Hardy	23	23	Brit.	Com'lth & Dom. Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	5,373
Nebraskan	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,075
Skippy [5]	...	...	Amer.	R. L. Gallagher	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Loriga [2]	23	24	Brit.	Pacific Steam Nav.Co.	Hull, England	Corral, Chile	General	3,220
S-10 [7]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [11] Mineplanter. [13] Diesel and fuel oil. [14] Scrap iron and steel. [15] Pipe, ties, general, etc. [16] Scrap iron, lead, etc. [17] For bananas and return to Cristobal, C.Z.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
S-11 [7]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
S-13 [7]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Narenta	23	24	Brit.	Royal Mail Lines, Ltd.	Wallsend, Eng.	Portland, Oreg.	General	1,646
American Eagle	23	24	Amer.	McCormick S.S. Co.	New York, N.Y.	Seattle, Wash.	General	3,634
Wairangi [2]	24	25	Brit.	Shaw, Savill & Albion	London, England	Auckland, N.Z.	General	8,705
El Ciervo [1]	24	25	Brit.	C. T. Bowring & Co.	Manchester, Eng.	La Libertad, Ecu.	Ballast	.....
Real [2]	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pedregal, R.P.	General	40
Sambu [2]	23	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Mallard [10]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
P.C. No. 5480 [5]	...	...	Amer.	U. H. Leach	Gatun, C.Z.	Cristobal, C.Z.	Ballast	.....
Launch	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Taft	25	26	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Gen., autos.	3,906
Emergency Aid	24	25	Amer.	Pac.-Arg.-Brazil Line.	Buenos Aires, Arg.	Vancouver, B.C.	Coffee, gen.	6,256
Chickasaw City	24	25	Amer.	Isthmian S.S. Lines	Portland, Me.	Seattle, Wash.	([13])	8,794
F. J. Luckenbach	25	25	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	2,359
Soyo Maru [2]	25	25	Jap.	K Line	Philadelphia, Pa.	Yokohama, Jap.	Ballast	.....
Trois Ilets	21	26	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	Ballast	.....
Santa Rosa	26	27	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Gen., coffee	2,647
Santa Clara	25	27	Amer.	Grace Line	New York, N.Y.	SanAntonio, Chile	General	2,994
Springbank [2]	26	27	Brit.	Dietcher Brothers	Boston, Mass.	Moji, Japan	Scrap iron	7,836
Constance Chandler.	27	27	Amer.	Matson Nav. Co.	New York, N.Y.	Honolulu, T.H.	General	2,515
City of Singapore.	27	27	Brit.	Ellerman & Bucknall	Newcastle, Eng.	Shanghai, China	General	987
San Clemente	26	27	Amer.	States S.S. Co.	New York, N.Y.	Tacoma, Wash.	General	2,747
Orazio [2]	27	28	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	416
Fordsdale	28	28	Brit.	Shaw, Savill & Albion	Glasgow, Scot.	Bluff, N.Z.	General	7,607
India [2]	28	28	Dan.	East Asiatic Co	Copenhagen, Den.	Vancouver, B.C.	Ballast	.....
Acajutla	22	28	Brit.	Pacific Steam Nav. Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	264
Bornholm [2]	28	28	Dan.	Dupont & Co.	Baltimore, Md.	Valparaiso, Chile.	([14])	4,879
Manizales	20	28	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	504
Istmo	27	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	30
Sambu [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
El Sona [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Gracia	29	1	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B.C.	General	593
Southern Sun [1] [2]	29	29	Amer.	Sun Oil Co	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Point Palmas	29	29	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	5,083
San Felipe	29	29	Amer.	Quaker Line	Norfolk, Va.	San Diego, Calif.	([15])	2,660
Amastra [1] [2]	30	30	Brit.	Shell Oil Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Victor Ross [1] [2]	30	30	Pan.	W. Tankschiff Rhed'i.	Havre, France	Talara, Peru	Ballast	.....
Roda [2]	30	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	5,196
Borgestad [2]	30	31	Nor.	Canadian Transp. Co.	Quebec, Canada	Tacoma, Wash.	Concentrates	6,454
Asosan Maru [2]	30	31	Jap.	Mitsui & Co.	New York, N.Y.	Moji, Japan	Cotton, gen.	4,208
Willboro	30	31	Amer.	Williams S.S. Co.	Baltimore, Md.	Seattle, Wash.	General	1,558
Tacoma	30	31	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	S. Francisco, Cal.	General	5,722
City of Winchester	31	31	Brit.	Ellerman & Bucknall.	Philadelphia, Pa.	Frem'tle, Aus'lia.	General	5,293
Arizonan	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,556
Skotaas [1] [2]	31	31	Nor.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	.....
Atago Maru [2]	31	31	Jap.	Nippon Yusen Kaisha	Pt. Tampa, Fla.	Kobe, Japan	([16])	7,390
Deroche [1]	31	31	Amer.	Union Oil Co.	Paulsboro, N.J.	Los Angeles, Cal.	Ballast	.....
Tongking [2]	31	31	Dan.	Longls.Mach.&Equip.	Copenhagen, Den.	Moji, Japan	Scrap iron	8,747
Socony Vacuum [1]	31	31	Amer.	Socony Vac. Oil Co.	Albany, N.Y.	Los Angeles, Cal.	Ballast	.....
Sutherland	31	1	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	2,795
Silveryew [2]	31	1	Brit.	S. & J. Thompson	Halifax, N.S.	Hongkong, China	General	4,263
Oakmar	31	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,816
Paul Luckenbach	1	1	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,302
Pirate [3]	1	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [17]	.....	.....
President Johnson.	2	2	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	3,676
Virginia	2	3	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	2,513
Bordeaux Maru	1	2	Jap.	K Line	New York, N.Y.	Yokohama, Japan	([18])	6,443
St. Mihiel [8]	2	3	Amer.	U.S. Army	Brooklyn, N.Y.	Honolulu, T.H.	Supplies	267
Athelking [1] [2]	2	2	Brit.	United Molasses Co	New York, N.Y.	Japan	Ballast	.....
Primero [2]	2	2	Nor.	Gulf-States S.S. Co.	Texas City, Tex.	Yokohama, Japan	Scrap steel	7,262
Mauna Ala	2	2	Amer.	Matson Isth. S.S. Co.	Baltimore, Md.	Honolulu, T.H.	Steel, gen.	1,032
Santa Rita [2]	2	3	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,940
California Express. [2]	2	3	Nor.	Fruit Express Line	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	.....
Californian [2]	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,455
Knoxville City	3	4	Amer.	Isthmian S.S. Lines	Portland, Me.	Seattle, Wash.	Steel, tin, gen.	8,542
Winslow [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towing barge	.....
Mayan	30	4	Amer.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	726
Santa Catalina [2]	2	5	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	909
Tercero [2]	3	4	Nor.	Wessel, Duval & Co.	Three Riv., Can.	Talcahuano, Chile	General	3,394
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	40
Durazzo	3	4	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	General	259

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [10] Minesweeper. [13] Steel, iron, general, etc. [14] Steel rails, wire. [15] Pipe, steel, general. [16] Phosphate rock, cotton. [17] For bananas and return to Cristobal, C.Z. [18] Scrap iron, cotton.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Magmeric	3	4	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	2,442
Sidney M. Hauptman.	3	4	Amer.	McCormick S.S. Co.	Philadelphia, Pa.	Tacoma, Wash.	Steel, gen.	6,393
Leticia [3]	4	...	Pan.	A. Tagaropulos	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Invella	3	4	Brit.	Canadian Transp. Co.	Quebec, Canada	Tacoma, Wash.	General	5,779
Mathew Luckenbach.	4	4	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,474
Pacific Enterprise [2]	4	4	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	566
C. O. Stillman [1, 2]	4	4	Brit.	International Pet. Co.	Halifax, N.S.	Talara, Peru	Ballast	.....
Leonet [3]	4	...	Pan.	A. Ferrari	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	120
Acavus [1, 2]	4	5	Brit.	Shell Corporation	Newcastle, Eng.	Los Angeles, Cal.	Ballast	.....
Santa Clara Valley. [2]	4	5	Brit.	Sir W. R. Smith Sons.	Philadelphia, Pa.	Yokohama, Japan	Scrap steel	8,013
Chastine Maersk [2]	5	5	Dan.	A. P. Moller	New York, N.Y.	Manila, P.I.	General	4,042
Sanyo Maru [2]	5	5	Jap.	Osaka Shosen Kaisha.	New York, N.Y.	Kobe, Japan	General	7,920
Tacoma Star	5	5	Brit.	Blue Star Line	Tyne, England	S. Francisco, Cal.	Ballast	.....
Trois Ilets	2	5	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	Ballast	.....
Shinko Maru [2]	5	5	Jap.	Kawasaki Line	Norfolk, Va.	Los Angeles, Cal.	Ballast	.....
Motorcarline [1, 2]	5	5	Belg.	Standard Oil Co.	Stockholm, Swed.	Talara, Peru	Ballast	.....
Axel Johnson [2]	5	6	Swed.	Johnson Line	Goth'burg, Swed.	Honolulu, T.H.	([14])	5,661
San Diego	5	6	Fr.	French Line	Antwerp, Belg.	Vancouver, B.C.	General	6,910
Republic [8]	5	8	Amer.	U.S. Army	Brooklyn, N.Y.	Honolulu, T.H.	General	1,850
Theodore Roosevelt. [2]	6	6	Nor.	Fred Olsen & Co.	Miami, Fla.	Yawata, Japan	Scrap iron	8,859
Panaman	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,422
Pacific	6	6	Amer.	Weyerhaeuser S.S. Co.	Philadelphia, Pa.	Everett, Wash.	General	4,432
Hoyanger [2]	6	6	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B.C.	Gen., maize	8,022
Trontolite [1, 2]	6	6	Brit.	Imperial Oil Co.	Baytown, Tex.	Talara, Pèru	Gasoline	3,124
Alkmaar	6	6	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	1,646
Tricolor [2]	6	6	Nor.	Barber Line	Norfolk, Va.	Yokohama, Japan	General	6,203
Drechtdijk [2]	6	7	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B.C.	General	2,237
Nordbo [2]	6	7	Dan.	Continental Grain Co.	Three Riv., Can.	Stockton, Calif.	Ballast	.....
New Zealand Star [2]	7	7	Brit.	Blue Star Line	London, England	Pt. Chalmers, N.Z.	General	2,438
Sambu [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
L-41 [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Orbita	7	8	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,472
President Cleveland.	8	9	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	2,870
New York	7	8	Amer.	Calif. & Eastern Line.	New York, N.Y.	Seattle, Wash.	General	4,478
Laurits Swenson [2]	7	8	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B.C.	General	2,946
Berganger [2]	7	8	Nor.	Interocean Line	Rotterdam, Neth.	Vancouver, B.C.	Ballast	.....
Katsuragi Maru [2]	7	8	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Moji, Japan	([15])	7,194
Walter A. Luckenbach.	8	8	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,602
Iris	8	8	Neth.	Royal Neth. S.S. Co.	Cartagena, Col.	B'ventura, Col.	General	104
Athelempress [1, 2]	8	8	Brit.	United Molasses Co.	New Orleans, La.	Los Angeles, Cal.	Ballast	.....
City of Dalhart [2]	8	8	Amer.	Roosevelt S.S. Co.	New York, N.Y.	Adelaide, Aus'lia.	General	3,294
Pirate [3]	8	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.	([16])	.....
Army launch	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Franz Klasen [1, 2]	8	9	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	.....
Henry D. Whiton.	8	9	Amer.	Union Sulphur Co.	Glaveston, Tex.	Tacoma, Wash.	Sulphur	6,150
Anglo Canadian [2]	9	9	Brit.	Com'lth & Dom. Line	Three Riv., Can.	Melbourne, Aust.	General	7,000
Steelore	6	9	Amer.	Ore S.S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	.....
Sundance	9	9	Amer.	Shepard S.S. Co.	New York, N.Y.	Portland, Oreg.	General	3,090
Chas. R. McCormick.	9	9	Amer.	McCormick S.S. Co.	New York, N.Y.	Tacoma, Wash.	General	5,805
Sunoil [1, 2]	9	10	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Santa Elena	9	10	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Coffee, gen.	2,922
Retriever [1, 3]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Santa Maria [2]	9	11	Amer.	Grace Line	New York, N.Y.	S. Antonio, Chile.	General	2,497
Nosa Queen	9	10	Amer.	Grace Line	Norfolk, Va.	Talcahuano, Chile	Gen., expl'es	2,066
Istmo	9	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	30
Flomar	10	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,457
Tongariro	10	10	Brit.	N.Z. Shipping Co.	London, England	Lyttleton, N.Z.	General	3,139
Phrygia [2]	9	10	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Puntarenas, C.R.	General	3,568
Point Gorda	10	10	Amer.	Gulf-Pacific Line	New Orleans, La.	S. Francisco, Cal.	General	2,071
Juanita [2]	10	...	Venez.	Shell Oil Co.	Curacao, D.W.I.	Balboa, C.Z.	([17])	1,674
Talaralite [1, 2]	10	11	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	1,907
Clydebank [2]	10	11	Brit.	C. Czarnikow	Jucaro, Cuba	Hongkong, China	Sugar	7,848
Point Lobos	10	11	Amer.	Gulf-Pacific Line	CorpusCh'sti, Tex	Tacoma, Wash.	General	3,431
Missourian [2]	10	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,051
Helen Whittier	11	11	Amer.	Matson Nav. Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	.....
Arica	11	11	Fr.	French Line	Havre, France	S. Antonio, Chile.	Glass, iron	564
Cerigo	3	11	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	396
Tuira [2]	10	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] Crane. [14] Fertilizer, general. [15] Lubricating oil, cotton, etc. [16] For bananas and return to Cristobal, C.Z. [17] Gasoline, lubricating oil, aviation spirit.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Sambu [2]	10	...	Pan	Elliot Ship. & Land Co.	Cristobal, C.Z	Balboa, C.Z	Ballast	.....
El Sona [2]	10	...	Pan	Elliot Ship. & Land Co.	Cristobal, C.Z	Balboa, C.Z	Ballast	.....
A. B. O'Barrio [2]	10	..	Pan	A. B. O'Barrio	Cristobal, C.Z	Balboa, C.Z	Ballast	.....
Canadian Planter	12	12	Brit	Can. Nat. Steamships	Montreal, Can	Melbourne, Aust.	General	4,217
Salvador	6	12	Brit	Pacific Steam Nav.Co.	Cristobal, C.Z	Champ'ico, Guat.	General	491
Nagara Maru [2]	12	12	Jap	Nippon Yusen Kaisha	New York, N.Y	Yokohama, Japan	([15])	5,661
American	12	13	Amer	Amer.-Hawaiian Line.	Boston, Mass	Portland, Oreg	General	1,482
Texan	13	13	Amer	Amer.-Hawaiian Line.	Boston, Mass	Tacoma, Wash	General	2,225
Erlangen	12	13	Ger	North German Lloyd.	Bremen, Ger	Talcahuano, Chile	General	8,847
Nokomis [5]	...	...	Amer	U.S. Navy	Cristobal, C.Z	Balboa, C.Z	([16])	.....
Este	13	14	Ger	North German Lloyd	Bremen, Ger	Vancouver, B.C.	General	6,232
Canadian British-er.	13	14	Brit	Can. Nat. Steamships	Montreal, Can	Lyttleton, N.Z	General	3,365
Mercury Sun [1] [2]	13	14	Amer	Sun Oil Co	Mareus Hook, Pa.	Los Angeles, Cal.	Ballast	.....
Tweedbank [2]	14	14	Brit	Bank Line, Ltd.	New York, N.Y.	Shanghai, China	General	2,300
Willhilo	14	14	Amer	Amer.-Hawaiian Line.	Baltimore, Md	Seattle, Wash	General	2,899
Wido	14	14	Ger	Hamburg-Amer. Line.	New Orleans, La.	Adelaide, Aus'lia.	General	7,561
Indra [2]	14	14	Nor	Knut Knutsen Line	Goth'burg, Swed.	Talcahuano, Chile	General	2,226
Tuscaloosa City	14	14	Amer	Isthmian S.S. Lines	Swansea, Eng	Vancouver, B.C.	Gen., steel	8,491
Beth [1] [2]	14	15	Nor	Bermuth Lembcke Co.	Baltimore, Md	Vancouver, B.C.	Creosote, tar	9,396
Steel Traveler	14	15	Amer	Isthmian S.S. Lines	Baltimore, Md	Shanghai, China	General	5,183
Harry Lucken-bach.	15	15	Amer	Luckenbach Line	New York, N.Y.	Seattle, Wash	General	3,500
Capetown Maru	15	15	Jap	Kokusai Kisen Kaisha	Beaumont, Tex	Kenjiho, Japan	([17])	7,715
Castana [4]	15	15	Amer	U.S. Tankship Corp.	Mobile, Ala	S. Francisco, Cal.	Ballast	.....
Pirate [3]	15	...	Pan	E. J. Hooper	Cristobal, C.Z	Gatun, C.Z. [13]	.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Virginia	15	16	Amer	Panama-Pacific Line	S. Francisco, Cal.	New York, N.Y.	General	4,209
Benjamin Frank-lin. [2]	16	16	Nor	Fred Olsen & Co	Vancouver, B.C.	Oslo, Norway	Wheat, gen.	6,725
Santa Rita [2]	16	16	Amer	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	2,100
Baron Graham	16	16	Brit	Anglo-Cont. Guano Co.	Punta Patache, Ch	London, England	Guano	5,250
Nelson Traveler	16	16	Amer	Nelson S.S. Co	Seattle, Wash	New York, N.Y.	([18])	4,170
Portmar	16	16	Amer	Calmar S.S. Corp	Seattle, Wash	Baltimore, Md	Lumber, gen.	5,218
Sekstant	16	22	Nor	Grace Line	Champ'ico, Guat.	Cristobal, C.Z	Coffee, gen.	375
Virgilio [2]	16	18	Ital	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	2,405
Jacob Lucken-bach.	16	17	Amer	Luckenbach-Gulf Co.	Portland, Oreg.	New Orleans, La.	General	8,028
Dakotan	17	17	Amer	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass	General	6,594
Leeds City	17	17	Brit	Reardon-Smith Line	Chemainus, B.C.	United Kingdom.	([19])	7,951
Akaroa	17	17	Brit	Shaw, Savill & Albion	Auckland, N.Z	London, England	Frozen, gen	6,048
Anadara [1] [2]	17	17	Brit	Anglo-Saxon Pet. Co	Los Angeles, Cal.	Lands End, Eng. [14]	Gasoline	11,368
Trenton [1] [2]	18	18	Amer	U.S. Navy	Balboa, C.Z	Cristobal, C.Z	.....	.....
Claxton, No. 140 [9]	18	18	Amer	U.S. Navy	Balboa, C.Z	Cristobal, C.Z	.....	.....
Hallingdal [2]	17	18	Nor	Boe & Pedersen	Nauru, S. Sea Is.	Kotka, Finland	Phosphate	5,300
Lochkatrine [2]	17	19	Brit	Royal Mail Lines	Vancouver, B.C.	Rotterdam, Neth.	Frozen, gen	9,776
Karnak	17	19	Ger	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger	General	6,592
Chateau Thierry [8]	15	19	Amer	U.S. Army	Balboa, C.Z	New York, N.Y.	Army stores.	37
Athelchief	18	18	Brit	United Molasses Co	Honolulu, T.H.	Liverpool, Eng	Molasses	11,090
Aller	18	19	Ger	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger	General	6,326
Kano Maru [2]	18	19	Jap	Kokusai Kisen Kaisha	Manila, P.I	Boston, Mass	General	5,777
Koll [1] [2]	19	19	Nor	Standard Ship. Co	Talara, Peru	S'ampton, Eng	Crude oil	14,332
Tennessee [2]	19	19	Nor	Wilh. Wilhelmsen	Dairen, China	Lands End, Eng. [14]	Soy beans	8,795
Neches [5]	18	23	Amer	U.S. Navy	San Diego, Calif	Cristobal, C.Z	Gasoline	519
Canadian Con-queror.	19	20	Brit	Can. Nat. Steamships	Brisbane, Aust'lia	Montreal, Can	General	2,277
Shinko Maru [2]	19	20	Jap	Kawasaki Line	Dairen, China	Norfolk, Va	General	3,050
Steelore	20	20	Amer	Ore S.S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	21,400
Memphis City	19	20	Amer	Isthmian S.S. Lines	Vancouver, B.C.	Swansea, Eng	General	6,214
Makiki	20	20	Amer	Matson Nav. Co	Kahului, T.H.	New Orleans, La.	General	8,208
Bushnell	19	...	Amer	U.S. Navy	San Diego, Calif	N. London, Conn.	Navy stores.	1
Taylor, No. 94 [9]	20	20	Amer	U.S. Navy	Balboa, C.Z	Cristobal, C.Z	.....	.....
Manizales	20	...	Ger	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z	General	931
Evviva	20	21	Nor	S.S. Owners Optg. Co.	Guayaquil, Ecua.	Guantanamo, Cu.	Ballast	.....
Kansan	21	21	Amer	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass	General	5,342
Kwanto Maru [2]	21	22	Jap	Osaka Shosen Kaisha.	Luya, P.I	Baltimore, Md	General	6,583
President Herren-schmidt. [1] [2]	21	21	Nor	Pechelbronn	Estero Bay, Calif.	Donges, France	Crude oil	13,073
Daldorch	20	21	Brit	J. M. Campbell Sons	N. Westm'r, B.C.	London, England	General	8,100
Istmo	20	22	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C.Z	Coffee	323
Point Judith	21	21	Amer	Swayne & Hoyt	Powell Riv., B.C.	Tampa, Fla	General	5,823
Trois Ilets	21	26	Fr	French Line	B'ventura, Col	Cristobal, C.Z	Coffee	231
President Cleve-land.	22	22	Amer	Dollar Line	S. Francisco, Cal.	New York, N.Y.	General	3,301

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [12] Cruiser. [13] For bananas and return to Cristobal, C.Z. [14] For orders. [15] Lubricating oil, general, etc. [16] Towing dragboat *No. 7*. [17] Scrap rail, steel. [18] Flour, lumber. [19] Grain, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Segundo [2]	21	22	Nor	Wessel, Duval & Co.	Iquique, Chile	Jacksonville, Fla.	Nitrates	7,600
Teal, No. 23 [10]	22	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Sunoil [1] [2]	22	22	Amer.	Sun Oil Co.	El Segundo, Calif.	Chester, Pa.	Gasoline	13,663
Trimountain [2]	22	22	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Gasoline	8,698
Acajutla	22	28	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	355
Santa Elena	22	23	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	Coffee, gen.	3,699
Schwaben	22	24	Ger.	North German Lloyd.	Vancouver, B.C.	Hamburg, Ger.	General	4,666
Sambu [5]	22	24	Pan.	Elliot Ship. & Land Co.	Bayano, R.P.	Cristobal, C.Z.	Bananas	32
Real [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	29
Commissaire Ramel.	23	24	Fr.	Messageries Marit'es.	Noumea, N. Caled	Marseilles, Fr.	General	5,813
Punta Arenas	23	23	Chile	Chile N. Amer. Line	Valparaiso, Chile.	New York, N.Y.	General	5,549
L-41 [5]	23	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Gar [5]	23	...	Amer.	H. C. Hansen	Balboa, C.Z.	Gatun Lake, C.Z.	Ballast	.....
La Paz [2]	23	24	Brit.	Pacific Steam Nav. Co.	Corral, Chile	Liverpool, Eng.	General	8,571
San Diego	24	24	Amer.	States S.S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	4,080
Oregonian	24	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,076
Birchbank [2]	24	24	Brit.	Colonial Sugar Ref. Co.	Suva, Fiji Islands	United Kingdom.	Raw sugar	8,191
J. L. Luckenbach	24	24	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,242
Santa Maria [2]	24	24	Amer.	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	4,128
Pacific Ranger [2]	24	24	Brit.	Furness, Withy & Co.	Victoria, B.C.	Glasgow, Scot.	General	8,565
Leonet [2]	23	...	Pan.	A. Ferrari	Catie Riv., R.P.	Cristobal, C.Z.	Iron rails	24
Shohei Maru [2]	21	22	Jap.	Mitsui & Co.	Iloilo, P.I.	New York, N.Y.	Sugar, gen.	3,973
San Pedro	24	26	Fr.	French Line	Valparaiso, Chile.	Le Havre, France	General	8,010
Australind [2]	24	25	Brit.	Australind S.S. Co.	Noumea, N. Caled	Philadelphia, Pa.	Chrome ore	8,300
Steel Ranger	25	25	Amer.	Isthmian S.S. Lines	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,493
Willkeno	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Bridgeport, Conn.	General	4,857
Montgomery City	25	25	Amer.	Isthmian S.S. Lines	Kahului, T.H.	New York, N.Y.	([14])	8,292
Pennmar	25	25	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	4,847
Point Caleta	25	25	Amer.	Gulf-Pacific Line	Portland, Oreg.	Corpus Ch'ti, Tex.	Lumber, gen.	6,147
Lancaster	25	25	Amer.	Weyerhaeuser S.S. Co.	Pt. Alberni, B.C.	Baltimore, Md.	Lumber	8,770
Tai Yang [2]	25	26	Nor.	Barber Wilhelmsen	Davao, P.I.	New York, N.Y.	General	5,775
Point Sur	25	25	Amer.	Gulf-Pacific Line	Portland, Oreg.	Lake Charles, La.	General	4,564
John P. Pedersen. [1] [2]	25	26	Nor.	Purfina Paris	Estero Bay, Calif.	Dunkerque, Fr.	Crude oil	9,300
Ilmar	26	27	Ger.	North German Lloyd.	Magallanes, Chile	Bremen, Ger.	General	7,152
San Antonio	26	27	Fr.	French Line	Vancouver, B.C.	Le Havre, France	Wheat, gen.	5,739
Mae Q. T. [5]	26	...	Amer.	E. V. & E. C. Brown.	Balboa, C.Z.	Cristobal, C.Z.	Ballast	.....
Chilore	26	27	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Canadian Cruiser	26	28	Brit.	Can. Nat. Steamships	Brisbane, Aust'lia	Montreal, Can.	General	2,830
Real [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	34
El Sona [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	39
Sambu [5]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	16
Durazzo	27	29	Ger.	Hamburg-Amer. Line.	Guayaquil, Euca.	Cristobal, C.Z.	General	647
Istmo	27	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	609
Komaki Maru [2]	27	28	Jap.	Kokusai Kisen Kaisha	Hongkong, China	New York, N.Y.	General	3,000
Gen. Wm. M. Graham. [11]	27	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Baltic [1] [2]	27	28	Pan.	Schneider of Hamburg	Talara, Peru	Fawley, England.	Crude oil	12,935
Malamton	28	28	Amer.	Mallory Transp. Lines	Los Angeles, Cal.	Tampa, Fla.	Ballast	.....
Uganda [2]	28	28	Brit.	Canadian Transp. Co.	N. Westm'r, B.C.	Liverpool, Eng.	Lumber	6,530
Senator [1] [2]	28	28	Nor.	Shell Oil Co.	Los Angeles, Cal.	Lands End, Eng. [13]	Gasoline	9,337
Mapia [2]	28	28	Neth.	Pac.-Java-Bengal Line	Vancouver, B.C.	Calcutta, India	General	6,067
Geisha [2]	28	28	Nor.	Knut Knutsen	Ant'fagasta, Chile	Azores [13]	Nit. of soda	6,900
San Lucas	28	28	Amer.	States S.S. Co.	Portland, Oreg.	Albany, N.Y.	Lumber, gen.	4,539
Bennekom	28	29	Neth.	Royal Neth. S.S. Co.	Coquimbo, Chile.	Hamburg, Ger.	General	8,721
Ohioan	29	29	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,786
Santa Catalina [2]	29	30	Amer.	Grace Line	Pisco, Peru	Pto. Colombia	General	1,416
Castana [1]	29	29	Amer.	U.S. Tankship Corp.	Honkoa, T.H.	Mobile, Ala.	Molasses	8,900
West Camargo	28	29	Amer.	McCormick S.S. Co.	Vancouver, B.C.	Buenos Aires, Arg.	Lumber, gen.	3,671
Delftdijk [2]	29	30	Neth.	N. Pacific Coast Line.	Victoria, B.C.	Rotterdam, Neth.	General	9,716
Celtic Star	29	30	Brit.	Blue Star Line	Los Angeles, Cal.	Liverpool, Eng.	General	2,913
Pennsylvania	29	30	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	5,637
Mayan	30	4	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	General	424
Stella	30	30	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	Norfolk, Va.	General	2,114
President de Vogue. [1] [2]	29	30	Nor.	Raffineries de Berre.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,590
Mauna Kea	29	30	Amer.	Matson S.S. Co.	Honolulu, T.H.	New York, N.Y.	([14])	7,953
Brimanger [2]	29	30	Nor.	Interocean S.S. Corp.	Vancouver, B.C.	Rotterdam, Neth.	General	6,414
Santa Barbara [2]	30	31	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	5,108
Horace Luckenbach.	30	30	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,203
Hermonthis [2]	30	31	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	4,120
Portland [2]	30	1	Ger.	Hamburg-Amer. Line.	Vancouver, B.C.	Hamburg, Ger.	General	6,341
Trepca	30	31	J.-Slav	Baburizza & Co.	Iquique, Chile	Alexandria, Egypt	Nit. of soda	8,300
Columbian	31	31	Amer.	Amer.-Hawaiian Line.	Pt. Town'd, Wash.	Boston, Mass.	General	4,826
Hokkai Maru [2]	31	1	Jap.	Osaka Shosen Kaisha.	Iloilo, P.I.	Baltimore, Md.	Sugar, gen.	4,740
Hindanger [2]	31	1	Nor.	Interocean Line	Vancouver, B.C.	Rotterdam, Neth.	General	6,512
Absaroka	1	1	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	5,377

[1] Tanker. [2] Motor ship. [5] Launch. [10] Mine sweeper. [11] Mine planter. [13] For orders. [14] Sugar, pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Reina del Pacifico [2]	1	2	Brit...	Pacific Steam Nav.Co.	Talcahuano,Chile	Liverpool, Eng..	General.....	5,091
S-10 [7]	2	...	Amer..	U.S. Navy	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
S-13 [7]	2	...	Amer..	U.S. Navy	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
S-11 [7]	2	...	Amer..	U.S. Navy	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
Trois Ilets	1	5	Fr....	French Line	B'ventura, Col...	Cristobal, C.Z...	Coffee.....	315
Mallard, No. 44 [4]	2	...	Amer..	U.S. Navy	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
Florence Luckenbach.	2	2	Amer..	Luckenbach Line	Seattle, Wash...	Mobile, Ala.....	General.....	5,106
Golden Sea	2	2	Brit...	Douglas & Ramsay...	Victoria, B.C....	Liverpool, Eng..	([14])	6,950
Reginolite [1] [2]	2	2	Brit..	Imperial Oil Co	Talara, Peru	Halifax, N.S.....	Crude oil...	12,292
S. C. T. Dodd [1]	2	2	Amer..	Amer. Bitumules Co..	S. Francisco, Cal.	Providence, R.I..	Crude oil...	10,100
Chester Sun [1] [2]	2	2	Amer..	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline....	13,373
Abraham Lincoln. [2]	2	3	Nor...	Fred Olsen & Co	Vancouver, B.C..	Oslo, Norway....	General.....	6,500
Winslow [5]	2	...	Amer..	U.S. Army	Balboa, C.Z.....	Cristobal, C.Z...	Ballast	.....
Subbase [5]	2	...	Amer..	U.S. Navy	Balboa, C.Z.....	Cristobal, C.Z...	Ballast	.....
John Bakke [2]	2	3	Nor...	Sydney-Pacific Line..	Valparaiso, Chile.	Oslo, Norway....	General.....	7,653
Iris	2	4	Neth..	Royal Neth. S.S. Co..	Guayaquil, Ecua.	Cristobal, C.Z...	General.....	603
Istmo	2	4	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee	276
W. S. Miller [1]	3	3	Amer..	Union Oil Co	Los Angeles, Cal.	Tiverton, R.I....	Gasoline....	8,570
Nuevo Panama [2]	3	4	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee	219
Cerigo	3	...	Ger...	Hamburg-Amer. Line.	Callao, Peru	Cristobal, C.Z...	Coffee, gen..	945
Steel Inventor	3	3	Amer..	Isthmian S.S. Lines..	N. Westm'r, B.C.	Swansea, Eng...	Lumber, gen.	7,628
Brilliant [1] [2]	3	4	Amer..	Socony-Vac. Oil Co..	Los Angeles, Cal.	Providence, R.I..	Gasoline....	13,211
Texas	3	4	Amer..	States S.S. Co	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	4,136
Oregon	3	4	Amer..	States S.S. Co	Iloilo, P.I	East coast U.S...	Sugar	8,000
Rosandra	3	4	Ital...	Nav. Lib.-Triestina..	Vancouver, B.C..	Trieste, Italy....	General.....	4,659
Timber Rush	4	4	Amer..	Shepard S.S. Co	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	6,542
Namman Maru	4	4	Jap...	Yamasbita Kisen K...	Tsingtao, China.	New York, N.Y.	General.....	2,375
Maud [2]	4	4	Nor...	East Asiatic Co	Kob-Sicbang, Si..	Cuban ports	Rice	5,075
Pennsylvanian	4	4	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,328
Rotorua	4	4	Brit...	N.Z. Shipping Co	Pt.Chalmers,N.Z.	London, England	Frozen, gen.	5,249
President Pierce	5	5	Amer..	Dollar Line	Manila, P.I	New York, N.Y.	General.....	5,297
Marore	5	5	Amer..	Ore S.S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	22,200
Daylight [1] [2]	5	5	Amer..	Socony-Vac. Oil Co..	Los Angeles, Cal.	Providence, R.I..	Gasoline....	13,213
Moveria [2]	5	5	Brit...	Donaldson Line	Vancouver, B.C..	Glasgow, Scot...	General.....	6,101
Amagisan Maru	5	5	Jap...	Mitsui Bussan Kaisha	Manila, P.I	New Orleans, La.	General.....	8,217
Santa Paula	5	6	Amer..	Grace Line	S. Francisco, Cal.	New York, N.Y.	General.....	3,394
Niel Maersk [2]	5	6	Dan...	Isbrandtsen Moller Co.	Cebu, P.I	Savannah, Ga...	Sugar, gen..	6,163
Beaconoil [1]	5	6	Amer..	Shell Oil Co	Los Angeles, Cal.	Fall Riv., Mass..	Kerosene...	10,053
Real [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, C.Z...	Bananas	22
Sambu [2]	6	7	Pan...	Elliot Ship. & Land Co.	Bayano, R.P	Cristobal, C.Z...	Bananas	28
Nojima Maru [2]	6	6	Jap...	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md...	General.....	3,798
Carbarita	6	6	Brit...	Bank Line, Ltd	Ant'fagasta, Chile	Azores [13]	Nitrates	6,300
Robert Luckenbach.	6	6	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass....	Lumber, gen.	6,738
Salvador	6	12	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C.Z...	General.....	316
Victor Ross [1] [2]	6	7	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil...	17,333
Osnabruck [1]	6	7	Ger...	North German Lloyd.	Corral, Chile	Bremen, Ger	General.....	5,483
Mexican	7	7	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash..	Boston, Mass....	Lumber, gen.	7,229
Santa Lucia	6	8	Amer..	Grace Line	S. Antonio, Chile.	New York, N.Y.	General.....	5,389
Georgian	7	7	Amer..	Williams S.S. Co	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	6,610
Pacific Reliance	7	8	Brit...	Furness, Withy & Co.	Vancouver, B.C..	Glasgow, Scot...	General.....	8,390
Imperial Valley	7	8	Brit...	Reardon-Smith Line..	Vancouver, B.C..	London, England	Wheat	7,700
Point Salinas	8	8	Amer..	Swayne & Hoyt	Portland, Oreg...	Panama City, Fla.	Lumber, gen.	7,675
Elbe	8	9	Ger...	North German Lloyd.	Vancouver, B.C..	Hamburg, Ger...	General.....	5,446
Ward [2]	8	9	Amer..	Roosevelt S.S. Co	Iloilo, P.I	New York, N.Y.	General.....	6,991
Istmo	9	10	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee	538
Christy Payne [1]	9	9	Amer..	Shell Oil Co	Los Angeles, Cal.	Sewaren, N.J....	Gasoline....	10,198
Northmoor [2]	9	9	Brit...	W. Runciman & Co..	Iquique, Chile	Alexandria,Egypt	Nitrates	7,850
Washington [2]	8	9	Fr....	French Line	Vancouver, B.C..	Antwerp, Belg...	General.....	5,449
Storstad [1] [2]	8–9	9	Nor...	Cie. Financiere Belge.	Estero Bay, Calif.	Dunkerque, Fr..	Crude oil...	12,963
Jadwiga [2] [6]	7–9	11	Brit...	W. Z. Limited	PearlIslands,R.P.	Pt. of Spain, Trin.	Ballast	.....
A. B. O'Barrio [2]	8–9	11	Pan...	H. Obarrio	Darien, R.P	Cristobal, C.Z...	Bananas	28
Sambu [5]	10	11	Pan...	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, R.P...	Bananas	15
Sona [2]	10	11	Pan...	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, C.Z...	Bananas	34
Svealand [2]	10	10	Swed..	Ore S.S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	22,400
PacificCommerce [2]	10	10	Brit...	Canadian Transp. Co.	Vancouver, B.C..	Montreal, Can...	Lumber, gen.	6,623
Tuira [2]	10	11	Pan...	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, C.Z...	Bananas	58
Oregon Express [2]	10	10	Nor...	Fruit Express Line	Los Angeles, Cal.	Glasgow, Scot...	Fresh citrus.	1,860
Cali	10	18	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z...	General.....	1,080
Buenos Aires [2]	10	11	Swed..	Johnson Line	Vancouver, B.C..	Stockholm, Swed.	Grain, gen..	8,100
Charles Nelson	10	11	Amer..	Nelson Line	Pt.Angeles,Wash.	Baltimore, Md...	General.....	5,355
Alexia [1] [2]	11	11	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	Gasoline....	11,253
Corinthic	11	12	Brit...	Anglo-Can. S.S. Co...	Vancouver, B.C..	Leith, Scotland..	([15])	7,902
Leonet [2]	12	12	Pan...	A. Ferrari	Rio Cato, R.P...	Cristobal, C.Z...	Iron rails	15
Santa Monica [2]	12	13	Amer..	Grace Line	Pisco, Peru	Pto. Colombia...	General.....	789
Kentuckian	11	12	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	5,882

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [13] For orders. [14] Lumber, grain. [15] Grain, lead, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Vernon City	12	12	Brit.	Anglo-Can. S.S. Co.	Alberni, B.C.	Avonmouth, Eng.	General	8,200
Juanita [1] [2]	11	12	Venez.	Shell Oil Co.	Balboa, C.Z.	Maracaibo, Venez	Ballast	.....
Horda	12	12	Nor.	Continental Grain Co.	Stockton, Calif.	Hull, England	Barley	6,817
Leticia [2]	12	12	Pan.	A. Tagaropulos	Rio Cato, R.P.	Cristobal, C.Z.	Iron rails	30
Trois Ilets	12	...	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	132
Retriever [5]	12	12	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
California	12	13	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N.Y.	General	5,706
Steel Voyager	12	13	Amer.	Isthmian S.S. Lines	Honolulu, T.H.	Baltimore, Md.	General	7,595
Losada [2]	13	14	Brit.	Pacific Steam Nav.Co.	Corral, Chile	Liverpool, Eng.	([14])	7,666
Lena Luckenbach	13	13	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	6,937
California Standard. [1] [2]	13	13	Amer.	Anglo-Amer. Oil Co.	S. Francisco, Cal.	London, England	Gasoline	15,176
Heranger [2]	13	13	Nor.	Interocean S.S. Co.	Pt.Angeles, Wash.	Rotterdam, Neth.	Wheat, gen.	6,479
Santa Inez [2]	13	13	Amer.	Grace Line	Valparaiso, Chile	New York, N.Y.	General	2,774
Lillian Luckenbach.	13	13	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,040
Aino [1] [2]	13	13	Nor.	Petrofina, Brussels	Estero Bay, Calif.	Dunkerque, Fr.	Crude oil	8,951
Motorcarline [1] [2]	13	13	Belg.	Standard Oil Co.	Talara, Peru	Aruba, D.W.I.	([15])	11,424
Chaucer	13	13	Brit.	Canadian Transp. Co.	Vancouver, B.C.	Hull, England	([16])	9,540
U. S. Grant	13	14	Amer.	U.S. Army	S. Francisco, Cal.	Brooklyn, N.Y.	Army stores.	295
Sekstant	14	19	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	General	469
Archangelos	14	14	Greek	Gildemeister Co.	Chicama, Peru	Liverpool, Eng.	Sugar	7,962
Alexandra Hoegh. [1] [2]	14	14	Nor.	Lief Hoegh	Los Angeles, Cal.	Lands End [13]	Gasoline	12,070
Dilworth [1]	14	14	Amer.	Shell Petroleum Co.	Los Angeles, Cal.	Baltimore, Md.	Naphtha	9,184
Aurora [2]	14	14	Swed.	West Indian Trad. Co.	Pt. Alberni, B.C.	New York, N.Y.	Lumber	6,550
C. O. Stillman [1] [2]	14	15	Brit.	International Pet. Co.	Talara, Peru	Halifax, N.S.	Crude oil	21,475
Alamar	14	15	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	4,589
Barneveld	15	15	Neth.	Royal Neth. S.S. Co.	Corral, Chile	Hamburg, Ger.	General	8,206
Nevadan	15	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,204
Europe [1]	15	15	Nor.	Texas Co.	Los Angeles, Cal.	Pt. Arthur, Tex.	Ballast	.....
L. A. Christenson [2]	15	15	Nor.	H. Roed & Co.	Manila, P.I.	New Orleans, La.	Sugar	7,250
Istmo	15	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	563
Clio [1] [2]	15	15	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Fawley, Eng.	Crude oil	12,265
Winslow [5]	15	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	Towing barge	.....

[1] Tanker. [2] Motor ship. [5] Launch. [13] For orders. [14] Nitrate, copper, tin. [15] Gasoline and kerosene. [16] Wheat, oats, lumber.

Comparison of Traffic at the Suez and Panama Canals for First Six Months of 1934 and 1935

	Number of transits					
	Suez Canal			Panama Canal		
	1934	1935	Percent decrease	1934	1935	Percent decrease
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
Total	2,828	2,826	.....	2,733	2,571	5.9

	Tolls collected					
	Suez Canal			Panama Canal		
	1934	1935	Percent decrease	1934	1935	Percent decrease
	Thousands	*of francs*		*Thousands*	*of dollars*	
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
Total	433,460	434,150	[1] 0.2	12,493	11,441	8.4

[1] Denotes increase.

Rigid Enforcement of Requirement for Vaccination Against Smallpox

To steamship agents, masters of vessels, ship surgeons, and others concerned:

1. The following regulation is quoted from the Chief Health Officer's circular of January 19, 1933:

> All persons arriving in a port of the Canal Zone with the intention of residing in the Canal Zone or in the cities of Colon or Panama, Republic of Panama, will be vaccinated against smallpox on shipboard by the quarantine officer, provided that such vaccination will not be required if the individual can present evidence of a successful vaccination within a period of five years, as indicated by a certificate of vaccination acceptable to the Health Department or by the presence of a scar or other lesion which is considered by the Health Department to indicate immunity to smallpox.
>
> Tourist passengers and others who are to remain on the Isthmus for a short period of time are exempted from the immediately preceding requirements except under the following circumstances:
>
> The quarantine officer may require vaccination in the case of: (a) any person aboard a ship coming from geographical areas in which smallpox is known to prevail in epidemic form; (b) any person known to have been or suspected of having been exposed to smallpox during the immediately preceding 14 days, or; (c) in any emergency in which such vaccination is deemed necessary for the protection of the health of the public.

2. For the purpose of clarifying the above regulations, the "short period of time" specified in the second paragraph is defined as *less than two weeks.*

3. Passengers intending to remain on the Isthmus two weeks or more will be classed as prospective residents and if not properly protected against smallpox as specified above, should be vaccinated by the ship's surgeon en route.

4. Those who fail to comply with these requirements will be vaccinated without charge by the Quarantine and Immigration boarding officer on arrival at the Canal before they will be permitted to land.

5. In view of the potential delay to shipping which may be occasioned by the necessity for vaccinating persons before vessels are passed by quarantine, it is suggested that steamship agents and others concerned see to it that all persons requiring vaccination are attended to before vessels reach quarantine.

APPROVED:
J. L. SCHLEY,
Governor.

O. G. BROWN,
Chief Health Officer.

Police Canvass of Civil Population of Canal Zone

The annual house-to-house canvass of the civil population of the Canal Zone taken by the Police and Fire Division during the month of June 1935, resulted in a count of 29,636 as the total number of civilian inhabitants. This was a decrease of 328 from the population reported in the canvass taken in June 1934.

The Balboa district showed a decrease of 111. The Cristobal district showed a decrease of 240. There was an increase of 23 in the number of prisoners.

Employees of The Panama Canal and Panama Railroad residing in the Canal Zone numbered 7,415, an increase of 404 compared with last year.

The population as of June 1935, was distributed as follows:

District	Americans					All Others					Total	Total employees
	Men		Women		Total children	Men		Women		Total children		
	Total men	Employees	Total women	Employees		Total men	Employees	Total women	Employees			
Balboa	2,134	1,870	2,275	315	2,091	3,578	2,612	2,285	69	5,492	[1]17,855	[5]4,866
Cristobal	494	376	659	26	778	3,197	2,277	1,906	8	4,620	[2]11,654	[6]2,687
Prisoners	8	.....	.....	.....	.....	115	.....	4	.....	.....	[3]127	.....
Total employees	.....	2,246	.....	341	.....	.....	4,889	.....	77	.....	.....	[7]7,553
Total inhabitants	2,636	.....	2,934	.....	2,869	6,890	.....	4,195	.....	10,112	[4]29,636	.....

[1] Decrease of 111. [2] Decrease of 240. [3] Increase of 23. [4] Decrease of 328. [5] Increase of 407. [6] Decrease of 72. [7] Increase of 335; includes 138 civilian employees of the Army and Navy.

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Volume XXIX. Balboa Heights, C.Z., September 15, 1935. No. 2.

Traffic Through the Panama Canal in August 1935

The total vessels of all kinds transiting the Panama Canal during the month of August 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	August 1933	August 1934	August 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	393	401	200	195	395
Local commercial vessels[1]	43	46	25	21	46
Noncommercial vessels:					
United States Government	34	52	16	16	32
Colombian Government	.....	.....	1	.....	1
For repairs	1	.....	.....	.....	.....
Total	471	499	242	232	474

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC[1]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended August 31, 1935, as compared with the same period in the previous year.

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35
September	385	435	2,095,215	2,332,351	1,795,540	2,142,832	$1,757,083.14	$1,947,536.76
October	433	467	2,414,410	2,516,087	2,123,972	2,172,752	2,034,963.22	2,098,299.03
November	432	469	2,393,779	2,546,417	1,948,655	2,339,001	2,000,060.65	2,137,916.55
December	476	443	2,616,777	2,331,250	2,191,245	2,089,310	2,203,319.45	1,952,192.57
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	2,159,642.48	1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
Total	5,254	5,157	28,764,666	27,521,408	25,215,669	24,984,623	24,217,804.55	23,018,241.61

Traffic by Nationality of Vessels[1] for August 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
Belgian	2	12,650	11,424	Japanese	23	134,542	140,603
British	80	454,445	437,541	Netherlands	9	33,604	24,566
Chilean	2	7,351	6,070	Norwegian	45	217,201	242,542
Danish	9	45,047	30,590	Panamanian	14	49,056	61,402
Ecuadorean[2]	1	418	.....	Swedish	10	47,547	63,739
French	6	33,583	33,257	United States	165	951,657	848,192
German	22	82,642	90,976	Venezuelan	2	2,162	2,040
Greek	1	4,246	7,962				
Italian	4	26,236	18,394	Total	395	2,102,387	2,019,298

[1] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[2] Training ship of Ecuadorean Government.

Traffic by Trade Routes, August 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at time of transit. Cargo may be laden or discharged between the terminal areas indicated, hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	61	371,589	195,376	53	322,051	390,370
East coast United States and:						
Canada	4	16,657	27,633	2	6,594	8,805
South America	14	63,750	18,116	10	45,837	93,702
Hawaiian Islands	4	20,642	13,282	5	24,726	37,681
Australasia	3	14,205	14,552	1	4,639	7,500
Philippine Islands	10	57,268	48,415	12	72,035	83,144
Far East	17	96,392	120,370	7	38,901	27,825
Canadian intercoastal	2	8,540	13,185	1	5,346	6,623
East coast Canada and:						
United States	2	7,486	1,436	.....	.....	.....
South America	2	14,203	3,430	4	21,448	44,595
Australasia	3	13,929	14,011	2	9,441	11,320
Philippine Islands	1	6,536	2,358	.....	.....	.....
Far East	1	3,761	5,600	1	4,910	7,800
South American intercoastal	6	7,220	3,795	3	5,950	2,888
East coast South America and:						
Canada	1	4,723	7,992	.....	.....	.....
Balboa	.....	.....	.....	1	1,081	.....
Far East	1	5,821	4,090	.....	.....	.....
Cristobal and:						
Central America	4	3,430	2,382	4	4,094	1,345
South America	6	4,119	1,831	10	6,749	6,707
West Indies and:						
United States	1	5,033	5,470	1	4,787	9,670
Balboa	2	9,232	9,765	.....	.....	.....
South America	.....	.....	.....	2	13,241	25,647
Far East	1	4,990	7,848	1	3,004	5,075
Europe and:						
United States	9	44,061	16,038	11	57,160	102,436
Canada	18	115,884	51,874	35	193,253	246,038
Central America	2	8,413	3,568	.....	.....	.....
South America	14	86,408	34,667	19	114,422	161,566
Hawaiian Islands	1	4,860	5,661	.....	.....	.....
Australasia	5	43,370	29,438	5	40,187	33,487
Far East	.....	.....	.....	1	5,592	8,637
Egypt and South America	.....	.....	.....	2	9,450	16,750
Foreign vessels in ballast (United States intercoastal)	2	12,334	.....	1	6,369	.....
Around the world	2	19,809	10,774	1	6,037	6,730
Vessels not engaged in commerce	[1] 1	418	.....	.....	.....	.....
Total	200	1,075,083	672,957	195	1,027,304	1,346,341

[1] Training ship.

Origin and Destination of Cargo by Major Areas, August 1935

The following table summarizes the origin of cargo passing through the Canal in August 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	216,867	27,809	172,553	17,026	19,052	453,307
Other North America	14,738	20,750	16,072	9,059	9,535	70,154
Europe	49,755	17,421	.....	32,617	29,438	129,231
Miscellaneous	15,426	48	2,130	2,661	.....	20,265
Total	296,786	66,028	190,755	61,363	58,025	672,957

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	388,792	14,857	175,106	2,130	580,885
Canada	11,805	9,491	168,471	1,854	191,621
Other North America	34,796	1,840	1,594	.....	38,230
South America	90,742	84,456	159,856	16,774	351,828
Australasia	16,816	3,596	33,487	.....	53,899
Asia	105,512	13,149	8,637	2,580	129,878
Total	648,463	127,389	547,151	23,338	1,346,341

Principal Commodities

Commodities which aggregated 10,000 or more tons either during August 1935, or in August 1934 are listed below:

Commodity	August		Commodity	August	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Asphalt and tar	13,122	16,134	Canned goods, various	108,094	68,536
Automobiles and parts	14,931	15,006	Cold storage (food products)	17,785	15,525
Canned goods, various	8,462	11,908	Flour	21,160	20,500
Coal and coke	7,076	10,198	Fruit, dried	20,232	18,818
Cotton	28,205	11,165	Fruit, fresh	12,194	23,233
Iron and steel	63,099	106,763	Lumber	191,860	166,812
Machinery	8,266	11,880	Metals	50,018	48,402
Metals	17,950	13,115	Molasses and syrups	21,117	8,078
Oils, mineral	68,461	32,732	Nitrates	84,839	57,317
Ores	2,545	23,956	Oats	12,179	5,484
Paper	19,919	33,641	Oils, mineral	548,231	344,466
Phosphate	21,021	25,080	Oils, vegetable	12,661	20,993
Scrap metal	95,614	92,064	Ores, principally iron	97,667	96,959
Sulphur	641	12,257	Rice	12,271	6,635
Tinplate	8,460	18,708	Soy beans	15,487	8,687
			Sugar	95,081	119,827
Pacific to Atlantic			Wheat	136,794	82,229
Asphalt and tar	280	21,605	Wood pulp	11,597	14,934
Barley	21,233	23,707			

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of August 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	5	2
Agricultural implements	692	22	1,731	22
Alfalfa meal	.....	538	.....	663
Ammonium compounds	161	.....	5,798	45
Animal foods [1]	203	773	203	928
Apparel, wearing (hats, shoes, clothing, etc.)	246	.....	258	3
Asbestos	246	.....	1,108	.....
Asphalt and tar	6,262	21,041	16,134	21,605
Automobiles (and autotrucks)	2,599	14	7,946	20
Automobile parts and accessories	740	74	7,060	94
Bags and bagging, textile	179	40	487	436
Bamboo and bamboo products	.....	.....	.....	189

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Bananas				1,488
Barks, miscellaneous	55		295	450
Barley	101	506	101	23,707
Beans, edible, dry	118	2,988	128	9,849
Beer	95		208	
Beverages, nonalcoholic	34		55	19
Blood and tankage			150	15
Bones and bone meal	13	18	860	33
Books and printed matter	68	192	68	192
Borax		335	27	6,352
Bran and pollards				1,333
Bricks and tile	561		887	
Camphor, crude				37
Canned and preserved goods:				
Fish	575	8,166	806	10,856
Fruit	1,499	21,857	1,586	39,576
Meat	113	81	1,249	377
Milk	134	228	580	330
Soup	831	10	964	10
Vegetables	867	4,582	953	4,645
Miscellaneous and unclassified	1,577	8,701	5,770	12,742
Carbon black	42		155	
Celite		483		483
Cement	315		8,472	
Chalk			725	52
Charcoal	59		98	
Chemicals [1]	4,980	1,016	9,886	1,131
Clay, china and fire	42	242	627	242
Clay, filtering		127		127
Coal	1,760		2,774	7,800
Cocoa and cacao beans	154	955	518	2,206
Coconuts and products [1]	129	1,072	204	1,761
Coffee	81	6	5,228	9,288
Coke			7,424	
Cold storage and refrigerated products:				
Dairy products	236	23	654	6,282
Eggs				11
Fish	18	6	26	509
Lard	54	170	191	242
Meats	6	44	74	7,657
Poultry	8		8	
Vegetables		197	29	771
Other and unclassified	63		94	53
Confectionery	1,215	42	1,243	42
Copra				8,686
Copra meal and cake				134
Corn			7,291	
Cotton, raw		75	11,165	9,012
Creosote	800		6,617	
Drugs and medicines	963	13	1,273	386
Dyes			212	
Earthenware		35	1,021	35
Eggs, dried				259
Electrical apparatus and appliances	1,541	118	2,163	172
Explosives	66		599	
Extract, quebracho			477	
Fertilizers [1]		47	1,608	250
Fish meal		4,235		7,305
Floor coverings	1,553	476	1,627	701
Flour	324	18,826	1,400	20,500
Fruit, dried	10	7,925	67	18,818
Fruit, fresh [1]		4,472	14	23,233
Furniture and household goods	1,017	284	1,134	284
Gallnuts				105
General	28,765	13,145	73,024	25,702
Glass and glassware	3,293	359	5,279	1,163
Glue	67	140	67	141
Groceries	659	382	956	392
Gums		22	15	167
Grains [1]			38	
Hair, all kinds	130	30	140	122
Hay		1,215	490	1,231
Hemp, unmanufactured	34	187	34	1,872
Honey		216		489
Horns and hoofs				4
Infusorial earth	510	616	510	980
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	70,752	414	106,763	416
Ivory nuts			826	2,815
Jute, unmanufactured	2		31	526

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Lard substitute	465	183	465	183
Lime	3	.....	869	20
Liquors	3,977	615	4,910	634
Lumber (including manufactured mill products)	1,964	72,099	3,623	166,812
Machinery	5,852	538	11,880	564
Malt	41	.....	256	.....
Manufactured goods [1]	3,947	311	6,875	2,575
Marble and granite	78	18	220	18
Matches	332	27	393	37
Metals:				
Antimony	30	.....	30	.....
Copper	78	4,872	4,842	32,428
Gold and silver	280	.....	296	820
Iron	1,177	.....	4,773	30
Lead	.....	50	762	7,941
Tin	24	.....	206	1,097
Zinc	169	25	572	6,023
Other and unclassified	311	8	1,634	63
Milk, powdered	61	517	310	545
Molasses and syrups	367	2,923	374	8,078
Nitrates	2,214	.....	5,015	57,317
Nuts, edible (including meats)	27	242	517	505
Oats	164	164	173	5,484
Oils, mineral:				
Crude	.....	15	55	98,932
Gas and fuel	.....	.....	7,725	22,011
Gasoline, benzine, and naphtha	.....	102,940	7,544	198,247
Kerosene	.....	10,053	887	23,899
Lubricating and greases	8,597	1,259	16,003	1,368
Other and unclassified	99	.....	518	9
Oils, vegetable:				
Coconut	.....	.....	30	11,088
Cottonseed	516	.....	554	4
Linseed	75	.....	378	.....
Olive	.....	63	204	63
Rapeseed	.....	.....	32	873
Wood	13	.....	35	2,213
Other and unclassified	427	19	766	6,752
Oil, fish	40	4	127	221
Oil, whale	.....	.....	.....	160
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	110	531	682
Oilseed cake and meal	89	.....	89	7,244
Ores:				
Antimony	.....	.....	.....	54
Chrome	.....	.....	.....	10,000
Copper	.....	2,856	.....	7,050
Gold and silver	.....	.....	19,038	1,062
Iron	92	.....	3,092	70,501
Lead	.....	.....	.....	1,592
Magnesite	.....	152	322	152
Manganese	.....	250	311	867
Tin	.....	.....	.....	3,421
Zinc	.....	.....	50	1,973
Other and unclassified	118	42	1,143	287
Paints and varnishes	1,197	78	3,031	95
Paper and paper products [1]	11,134	7,651	33,621	8,246
Paper scrap	20	117	20	117
Peanuts	496	.....	496	175
Peas, dry	.....	406	.....	523
Peatmoss	.....	.....	333	.....
Phosphates	1,333	.....	25,080	.....
Plaster	.....	40	42	59
Porcelainware	937	194	1,310	4,905
Potash	.....	327	4,088	346
Pyrethrum flowers	.....	18	.....	434
Rags and waste	106	323	907	627
Railroad material	284	.....	741	.....
Rice	72	465	133	6,635
Rope and twine	126	30	133	71
Rosin	774	.....	2,749	.....
Rubber:				
Manufactured	1,799	12	2,340	171
Raw	337	56	4,095	6,772
Scrap	.....	7	56	207
Salt	.....	333	.....	333
Sand	1,343	.....	6,079	75
Scrap metal	219	259	92,064	1,097
Seeds (except oilseeds)	160	1,186	582	2,002
Shells, oyster	707	.....	1,232	173
Silk, raw	2	635	2	2,315

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Skins and hides	152	1,748	824	4,520
Slag	.....	.....	50	5
Slate	1,728	.....	1,728	.....
Soaps and products	2,110	157	2,371	186
Soda and sodium compounds:				
Soda ash	2,277	110	2,297	883
Soda, caustic	390	.....	689	.....
Miscellaneous and unclassified	230	.....	412	3,102
Soy beans	123	.....	123	8,687
Sugar	85	30,186	8,038	119,827
Sulphur	5,739	.....	12,257	116
Talc	.....	106	.....	127
Tallow	.....	84	35	951
Tea	9	27	123	1,149
Textiles [2]	5,438	132	8,254	2,674
Tinplate	5,735	13	18,708	13
Tobacco and manufactures	1,294	.....	2,135	167
Toilet preparations	633	10	875	10
Turpentine	185	.....	250	.....
Vegetables, dry [1]	6	16	66	405
Wallboard	.....	.....	214	912
Wax, paraffin	70	15	1,318	54
Wheat	.....	1,199	1,105	82,229
Wines	105	1,111	212	1,364
Wood pulp	216	11,447	4,507	14,934
Wool	52	2,158	115	6,174
Total, August 1935	216,867	388,792	672,957	1,346,341
Total, August 1934	142,820	593,245	551,450	1,636,330
Total, August 1933	200,356	558,455	567,257	1,346,757

[1] Except as otherwise classified. [2] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during August 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	32,550	[1] 6,600	13	78,784	[2] 135,269
East coast United States and:						
Canada	1	4,883	[1] 9,396	.....	.....	.....
South America	1	4,455	3,124	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	4,293	[3] 7,678
Philippine Islands	.....	.....	.....	1	3,902	[4] 6,680
Far East	1	6,955	.....	.....	.....	.....
South American intercoastal	1	1,595	1,907	.....	.....	.....
East coast Canada and South America	1	9,885	.....	4	21,448	44,595
West Indies and:						
United States	.....	.....	.....	1	4,787	9,670
Balboa	2	9,232	9,765	.....	.....	.....
South America	.....	.....	.....	2	13,241	25,647
Balboa and South America	.....	.....	.....	1	1,081	.....
Europe and:						
United States	4	23,204	.....	8	47,756	92,028
Central America	1	4,956	.....	.....	.....	.....
South America	3	21,241	.....	4	27,286	56,872
Total	21	118,956	30,792	35	202,578	378,439

[1] Cresote. [2] 10,921 tons asphalt. [3] Molasses. [4] Coconut oil.

Camparison of Canal Traffic in August 1935, with August Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of August			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	148	[1] 492	571	1915	[2] 100	361	466
1916	131	443	506	1916	60	199	258
1917	161	510	578	1917	145	483	588
1918	152	451	534	1918	165	547	627
1919	183	586	716	1919	162	510	576
1920	238	948	1,040	1920	199	712	781
1921	230	965	839	1921	232	950	966
1922	250	1,084	1,166	1922	222	951	907
1923	445	2,232	2,168	1923	325	1,550	1,631
1924	369	1,902	1,958	1924	429	2,179	2,249
1925	364	1,779	1,912	1925	382	1,904	1,996
1926	450	2,230	2,320	1926	424	2,064	2,169
1927	525	2,512	2,429	1927	441	2,184	2,311
1928	510	2,435	2,424	1928	521	2,453	2,468
1929	519	2,556	2,680	1929	524	2,485	2,554
1930	455	2,344	2,147	1930	502	2,497	2,502
1931	377	1,997	1,788	1931	447	2,314	2,089
1932	298	1,657	1,348	1932	364	1,968	1,650
1933	393	2,159	1,913	1933	347	1,900	1,513
1934	401	2,245	2,188	1934	436	2,379	2,059
1935	395	2,102	2,019	1935	432	2,317	2,109
.....	.....	.....	.....	[3]	418	2,224	2,030

[1] Canal opened August 15, 1914. [2] Average for 10½ months. [3] Average 8 months of calendar year 1935.

Terminal Activities

Ships repaired during the month of August 1935 numbered 45, including 10 which were drydocked. Fuel oil in the quantity of 288,946 barrels was delivered as bunkers to 99 commercial ships. Bunker coal amounting to 3,189 tons was delivered to 17 commercial ships.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ..... tons	26,584	18,347	44,931
Coal ..... tons	36,173	.....	36,173
Local general cargo arriving ..... tons	23,084	6,122	29,206
Local general cargo shipped ..... tons	5,649	311	5,960
Cargo received for transshipment ..... tons	35,659	1,729	37,388
Cargo transshipped ..... tons	34,136	1,907	36,043
"Canal Zone for Orders" cargo:			
Number of receipts issued	2	3	5
Number of releases issued	63	18	81
Tons received	9	11	20
Tons withdrawn	208	15	223

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	472	2,903,338	1,716,771	423	2,578,989	1,527,772
Vessels entering port but not transiting Canal	66	373,345	213,135	7	36,342	17,715
Vessels transiting Canal and handling passengers and cargo at terminal ports	154	999,023	580,247	95	672,140	381,712
Ships clearing						
All vessels, including those transiting Canal	466	2,902,173	1,716,549	428	2,595,782	1,537,697
Vessels clearing port but not transiting Canal	62	359,015	204,891	10	43,024	21,303
Vessels transiting Canal and handling passengers and cargo at terminal ports	153	1,007,642	585,776	94	671,703	381,488

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, August 15, 1935, to midnight, September 15, 1935. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Guayaquil, 0, 572
Cali, 0, 533
Veragua, 112, 95
Kinai Maru, 793, 44½
Norfolk Maru, 275, 0
Manizales, 973, 62
Santa Marta, 612, 284
Pennsylvania, 0, 3
Pasajero, 0, 6
Ulua, 768, 531
Pastores, 108, 896
E. M. Tacit, 0, 1½
Cordillera, 40, 1,517
President Taft, 454, 0
Veragua, 13, 108
Nebraska, 30, 34
Lochgoil, 175, 26
California, 1,246, 0
Santa Monica, 121, 0
Santa Rosa, 54, 0
Rhakotis, 98, 208
Amapala, 150, 74
Knute Nelson, 0, 220
Acajutla, 210, 1,105
Balboa, 81, 0
San Simeon, 51, 0
Santa Clara, 486, 3
Cristobal, 2,655, 1,010
Punta Arenas, 0, 1
Alabama, 99, 0
Oakland, 98, 158
Leme, 54, 13
Noto Maru, 587, 0
Venezuela, 100, 2
Sona, 9, 18
Santa Lucia, 368, 193
Samuel Bakke, 1, 0
Manizales, 43, 360
Quirigua, 121, 104
San Marcos, 121, 0
Santa Paula, 0, 1
Sixaola, 442, 299
Konigsberg, 23, 0
Mantilla, 4,061, 0
Hollywood, 7, 2 boxes
Nuevo Panama, 0, 166
Marore, 8,941, 0
Baarn, 20, 269
Venezuela, 1, 249
Canada, 3, 0
Velma Lykes, 386, 301
Nosa King, 92, 41
Calamares, 436, 245
Colombia, 126, 672
Canadian Scottish, 49, 951
Durazzo, 782, 0
Orazio, 18, 872
Tatsuno Maru, 70, 63
Iris, 447, 90
Peter Hurll, 8,451, 0
Tai Shan, 318, 0
Istmo, 117, 56
Wyoming, 62, 353
Seattle, 470, 362
Vancouver, 60, 67
Trois Ilets, 321, 0
Capsa, 12,460, 0
Quirigua, 7, 43
San Jose, 183, 436
Arminda, 244, 1
Santa Catalina, 1,489, 21
Santa Rita, 240, 165
Annie Johnson, 0, 3
Loreto, 44, 160
Contessa, 113, 500
Observer, 194, 0
Kiyosumi Maru, 151, 0
Nelson Traveler, 659, 0
Amerikaland, 10, 0
Mayan, 377, 0
Iris, 0, 17
Nansenville, 8, 0
San Diego, 82, 1½
Lautaro, 51, 246
Lochmonar, 97, 18
Buenaventura, 1,275, 0
California, 0, 1
Santa Inez, 707, 282
President Van Buren, 0, 1½
Fulda, 53, 191
Peten, 64, 64
Antofagasta, 246, 0
Flandre, 31, 465
Costa Rica, 110, 0
Zacapa, 916, 233
Cacique, 129, 0
Santa Catalina, 204, 0
Anna Maersk, 60, 0
Dusseldorf, 269, 0
Hoegh Merchant, 599, 0
Haiti, 184, 0
Toloa, 590, 0
Cerigo, 1,027, 0
West Ira, 28, 0
Mayan, 0, 1,222
Buenaventura, 0, 789
Santa Catalina, 0, 781
Cacique, 0, 140
Haiti, 0, 925
Toloa, 0, 682
West Ira, 0, 88
Cerigo, 0, 138
Nako Maru, 812, 0
Istmo, 586, 123
Peten, 7, 438
President Wilson, 439, 0
Sesostris, 178, 70
Weser, 369, 258
Santa Elena, 77, 20
Damsterdiik, 165, 108
Phrygia, 76, 1,371
Amapala, 86, 404
Virgilio, 116, 52
Salvador, 239, 466
Santa Maria, 572, 56
San Lucas, 215, 1½
Komaki, 1, 0
Canada, 0, 191
Santa Clara, 510, 183
Ancon, 3,033, 753
Veragua, 161, 96
Nojima Maru, 0, 461
Tokai Maru, 938, 173
Metapan, 556, 433
Trois Ilets, 339, 26
Nuevo Panama, 0, 212
Los Palacios, 1, 0
Cali, 1,172, 303
Oregon, 191, 222
Pastores, 68, 1,122
Ulua, 1,019, 423
Costa Rica, 5, 351
Istmo, 527, 240
R. L. Hustler, 1½, 0
Granville, 0, 153
Caribia, 396, 35
Orbita, 46, 46
Cepfee, 0, 67
Durazzo, 0, 482
Saarland, 23, 509
Veragua, 30, 161
Pasajero, 0, 2½
Tillie Lykes, 483, 264
San Francisco, 19, 283
Schwaben, 484, 660
Amerika, 4, 0
Boskoop, 108, 29
Ryoyo Maru, 294, 0
Sveadrott, 25, 0
Santa Barbara, 271, 1
Contessa, 138, 461
Benjamin Franklin, 164, 0
J. S. Elcano, 147, 92
Director, 317, 11
Cellina, 21, 0
Sekstant, 839, 0
E. M. Tacit, 3½, 0
Rialto, 121, 422
Kirishima Maru, 518, 0
Alaska, 118, 202
Cuba, 32, 460
Quirigua, 93, 85
West Nilus, 333, 10
Simon Bolivar, 122, 25
Santa Rita, 420, 430
Tivives, 430, 295
Iris, 414, 6
Colombia, 186, 0
Trois Ilets, 338, 0
Manizales, 689, 0
Istmo, 397, 0
Narenta, 35, 94
Carrillo, 593, 534
Charles Nelson, 170, 0
Guayaquil, 1,490, 0
Reina del Pacifico, 70, 0
Caribia, 48, 0
Canadian Victor, 84, 555

BALBOA

Santa Barbara, 137, 98
President Monroe, 35, 0
Pennsylvania, 26, 129
Nitro, 2, 0
Henderson, 2, 0
Rangitiki, 15, 0
Chiriqui, 514, 23
Santa Rosa, 454, 1
Iocoma, 1,656, 0
Sekstant, 0, 72
Santa Clara, 109, 1
Santa Paula, 17, 120
Santa Lucia, 210, 105
Cathwood, 334, 0
Baarn, 39, 235
Istmo, 117, 0
Tai Shan, 267, 0
Antigua, 416, 131
Peter Hurll, 7,725, 0
Vilja, 8,646, 0
Santa Catalina, 168, 10
Amerikaland, 11, 0
President Van Buren, 9, 0
California, 58, 108
Fulda, 0, 6
Santa Inez, 223, 61
Istmo, 86, 0
Talamanca, 281, 91
Santa Catalina, 0, 57
Santa Elena, 294, 80
Margaret Johnson, 204, 0
Chateau Thierry, 897, 0
Rakuyo Maru, 23, 0
President Taft, 12, 3
Chateau Thierry, 0, 343
Santa Rosa, 63, 86
Santa Clara, 398, 148
Ruahine, 14, 0
Chiriqui, 548, 11
Pennsylvania, 30, 1
Cephee, 0, 300
Rialto, 315, 0
Benjamin Franklin, 1,884, 0
President Garfield, 30, 0
Virginia, 19, 112
Santa Rita, 122, 0
Antigua, 924, 0

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,049; embarking, 1,857; at Balboa, 722 disembarking and 1,057 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,472; from the Pacific to the Atlantic, 5,253. Aircraft numbering 48 entered Cristobal, and 120 passengers disembarked; clearances were 48, with 113 passengers embarking; at Balboa entries of aircraft were 28, with 51 passengers disembarking; clearances, 29, with 42 passengers embarking.

Supplement No. 9—Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters

BALBOA HEIGHTS, C.Z., *September* 4, 1935.

Effective October 1, 1935, four copies of manifests of local cargo will be required instead of three as at present. Changes in Navigation Regulations 12.1 and 143.2 as indicated below are therefore necessary.

Regulation 12.1. Documents required.
(k) Manifest of local cargo 4

Regulation 143.2 * * * Masters must certify four copies of manifest of local cargo.

J. L. SCHLEY,
Governor.

Movements of Ocean Vessels Through the Panama Canal

From midnight August 15, 1935, to midnight September 15, 1935

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
President Monroe	16	16	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Mach., gen.	3,849
Pennsylvania	16	16	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	3,100
Trondanger [2]	16	16	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Vancouver, B.C.	Ballast	.....
San Bernardino	15	16	Amer.	Quaker Line	Albany, N.Y.	Seattle, Wash.	General	4,400
Montevideo Maru [2]	16	16	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	General	4,089
Auris [1] [2]	16	16	Brit.	Anglo-Saxon Pet. Co.	Ardrossan, Eng.	Los Angeles, Cal.	Ballast	.....
Chilore	14	16	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Barbara [2]	15	17	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,357
Sacramento	15	16	Amer.	Nelson Line	New York, N.Y.	Los Angeles, Cal.	General	3,374
Winslow [5]	..	..	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Deebank	17	17	Brit.	LongIs.Mach.&Equip.	New York, N.Y.	Yawata, Japan	Scrap iron	8,068
Nitro [13]	16	19	Amer.	U.S. Navy	Norfolk, Va.	Los Angeles, Cal.	Naval stores.	3,134
Virginian	17	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,200
Nordhavet [2]	17	17	Dan.	West Indian Trad. Co.	Aalborg, Den.	B'ventura, Col.	([18])	1,650
Washington Express. [2]	17	17	Nor.	Fruit Express Line	Goth'burg, Swed.	S. Francisco, Cal.	Ballast	.....
Pacific Trader [2]	18	18	Brit.	Furness, Withy Co.	Glasgow, Scot.	Vancouver, B.C.	General	705
Istmo	15	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	115
Jacob Luckenbach	18	18	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,650
Ariadne [14]	18	20	Amer.	U.S. Navy	Key West, Fla.	San Diego, Calif.	Ballast	.....
Cali	10	18	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	533
Steelmaker	18	18	Amer.	Isthmian S.S. Lines	Boston, Mass.	Hilo, T.H.	Gen., steel	3,687
Middlesex	18	19	Brit.	FederalSteamNav.Co.	Newport, Eng.	Auckland, N.Z.	General	9,704
Chamita [5]	..	..	Amer.	J. A. Cummins	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Kwanto Maru [2]	19	19	Jap.	Osaka Shosen Kaisha.	Philadelphia, Pa.	Moji, Japan	Gen., copper	7,154
S-10 [7]	..	..	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
S-11 [7]	..	..	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
S-13 [7]	..	..	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Junin [14]	16	20	Col.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Sekstant	14	20	Nor.	Grace Line	Cristobal, C.Z.	Pisco, Peru	General	717
Retriever [15]	..	..	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Mallard [10]	..	..	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Lochgoil [2]	19	20	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B.C.	General	1,064
Ashburton [2]	19	20	Brit.	Amer.-Australian Line	New York, N.Y.	Adelaide, Aus'lia.	General	3,697
Javanese Prince [2]	20	20	Brit.	Prince Line, Ltd.	New York, N.Y.	Swet'ham, St. Set	General	6,302
Felix Taussig	20	20	Amer.	McCormick S.S. Co.	New York, N.Y.	Seattle, Wash.	General	3,286
El Oso [1]	20	21	Brit.	C. T. Bowring & Co.	EllesmerePt.,Eng	La Libertad, Ecu.	Ballast	.....
Dakotan	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,947
Chester Sun [1] [2]	20	20	Amer.	Sun Oil Co	Chester, Pa.	El Segundo, Calif.	Ballast	.....
Trois Ilets	12	20	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	Ballast	.....
Rhakotis [2]	20	20	Ger.	Hamburg-Amer. Linc.	Hamburg, Ger.	Corral, Chile	General	5,120
Bronnoy [2]	20	21	Nor.	A/S Borgestad	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,032
Perseus [14]	19	25	Amer.	U.S. Government	Kingston, Jam.	San Diego, Calif.	([19])	.....
Triumph [14]	19	25	Amer.	U.S. Government	Kingston, Jam.	San Diego, Calif.	Ballast	.....
W. M. Delphia [3]	20	21	Hond.	W. S. McNab	Roatan, Hond.	Amapala, Hond.	Ballast	.....
S. C. T. Dodd [1]	20	21	Amer.	Standard Oil Co.	Providence, R.I.	Los Angeles, Cal.	Ballast	.....
Punta Arenas	21	21	Chile.	Chile.-N. Amer. Line.	New York, N.Y.	Valparaiso, Chile.	General	625
Portmar	21	21	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,789
Ravnaas [2]	21	21	Nor.	Canadian Transp. Co.	Mobile, Ala.	Victoria, B.C.	Sulphur, gen.	5,131
Sambu [2]	20	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
El Sona [2]	20	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pedregal, R.P.	General	18
President Pierce	22	23	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	2,359
San Simon	21	22	Amer.	Quaker Line	New York, N.Y.	Seattle, Wash.	General	2,716
Wildwood	22	22	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,413
Innaren [2]	22	22	Swed.	Newf'ld Export Co.	Cor. Brook, Nfld.	Los Angeles, Cal.	Newsprint	1,436
Julia Luckenbach.	22	22	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,817
Endicott	22	22	Amer.	Amer.-GulfOrientLine	New Orleans, La.	Cebu, P.I.	Gen., cotton.	7,182
Anglo Peruvian	22	22	Brit.	Promexport, Lening'd	Linin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,006
Balboa [2]	21	22	Swed.	Johnson Line	Norrkop'g, Swed.	Portland, Oreg.	General	5,411
Leme [2]	21	22	Ital.	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B.C.	General	2,489
Kano Maru [2]	22	22	Jap.	Kokusai Kisen Kaisha	Boston, Mass.	Moji, Japan	([20])	7,660
Pirate [3]	22	..	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [21]	.....	.....
Shohei Maru [2]	22	23	Jap.	Mitsui & Co.	New York, N.Y	Kobe, Japan	Nitrates, etc.	8,057
Meton [1]	23	23	Amer.	Shell Eastern Pet. Co.	PerthAmboy,N.J.	Los Angeles, Cal.	Ballast	.....
San Marcos	23	23	Amer.	Quaker Line	New York, N.Y.	Seattle, Wash.	General	2,525
Santa Lucia	22	24	Amer.	Grace Line	New York, N.Y.	SanAntonio,Chile	General	2,450
Santa Paula	23	24	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	General	3,656
Bushnell [16]	23	24	Amer.	U.S. Navy	Norfolk, Va.	San Diego, Calif.	Autos	3
President Alfaro [17]	23	25	Ecuad.	Ecuadorian Govt.	New York, N.Y.	Guayaquil, Ecua.	Ballast	.....
Mataroa	24	25	Brit.	Shaw, Savill & Albion	London, England	Wellington, N.Z.	General	8,404
Hollywood	23	25	Amer.	McCormick S.S. Co.	Rosario, Arg.	Seattle, Wash.	General	5,470
Montreal Maru	23	24	Jap.	Kawasaki K. Kaisha.	New York, N.Y.	Moji, Japan	([22])	7,270
Kansan	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,521

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [10] Mine sweeper. [13] Auxiliary. [14] Coast Guard cutter. [15] Crane. [16] Sub-tender. [17] Training ship. [18] Cement, cattle. [19] Towing *Triumph*. [20] Scrap iron, rosin, cotton, lead, etc. [21] For bananas and return to Cristobal, C.Z. [22] Cotton, steel, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Canada [2]	24	24	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B.C.	General	120
Baarn	24	25	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	1,574
Modavia [2]	24	25	Brit.	Donaldson Bros., Ltd.	Glasgow, Scot.	Vancouver, B.C.	General	712
Nuevo Panama [2]	23	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	150
Mobile City	25	25	Amer.	Isthmian S.S. Lines	Portland, Me.	JamesIsland, B.C.	Steel, gen.	6,956
Makiki	25	25	Amer.	Matson Nav. Co.	Philadelphia, Pa.	Hawaiian Islands.	General	1,973
Manizales	22	25	Ger.	North German Lloyd.	Pto. Colombia	Callao, Peru	([13])	537
Peter Hurll [1] [2]	24	26	Pan.	Panama Transp. Co.	Aruba, D.W.I.	Talara, Peru	Fuel oil	7,725
Marore	23	25	Amer.	Ore S.S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	
Gertrude Kellogg [1]	25	25	Amer.	Kellogg S.S. Co.	New York, N.Y.	Seattle, Wash.	Tar, creosote	6,600
Nanman Maru	25	25	Jap.	Osaka Shosen Kaisha.	Boca Grande, Fla	Kobe, Japan	Phosphate	7,700
Point Caleta	25	25	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	([14])	4,322
Stella	25	25	Dan.	Wessel, Duval & Co.	New York, N.Y.	Corral, Chile	General	1,049
Sambu [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Tuira [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Real [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Dalcroy	25	26	Brit.	Canadian Transp. Co.	Montreal, Can.	Tacoma, Wash.	General	7,406
Ancylus [1] [2]	25	26	Brit.	Anglo-Saxon Pet. Co.	Newcastle, Eng.	Los Angeles, Cal.	Ballast	
Svealand [2]	26	26	Swed.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Wyoming	25	26	Fr.	French Line	Dunkerque, Fr.	Vancouver, B.C.	([15])	6,407
Seattle [2]	25	26	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	6,451
Acajutla	20	27	Brit.	Pacific Steam Nav. Co	Cristobal, C.Z.	Champ'ico, Guat.	General	1,104
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	60
Pirate [3]	26	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [16]		
City of Windsor	27	27	Brit.	Ellerman & Bucknall.	Montreal, Can.	Dairen, China	General	2,358
Oregonian	27	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,686
Trois Ilets	25	27	Fr.	French Line	Cristobal, C.Z.	Manta, Ecuador.	Ballast	
Willzipo	27	28	Amer.	Williams S.S. Line	Baltimore, Md.	Seattle, Wash.	General	2,250
Maine	27	28	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Honolulu, T.H.	Phos. rock	6,590
Jeff Davis [2]	28	28	Amer.	Roosevelt S.S. Co.	Baltimore, Md.	Hongkong, China	General	3,465
Fernwood [2]	28	29	Nor.	Isbrandtsen Moller Co	Baltimore, Md.	Iloilo, P.I.	General	6,720
Point Sur	29	29	Amer.	Gulf-Pac. Mail Line	Tampa, Fla.	Tacoma, Wash.	General	3,307
Amerikaland [2]	28	29	Swed.	Ore S.S. Corp.	Goth'burg, Swed.	Cruz Gr'de, Chile	Ballast	
J. L. Luckenbach	29	29	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	3,840
Nailsea Court	29	29	Brit.	Nailsea S.S. Co.	Norfolk, Va.	Ant'fagasta, Chile	Ballast	
Lancaster	29	29	Amer.	Weyerhaeuser S.S. Co.	New York, N.Y.	Everett, Wash.	Steel, gen.	4,109
Nansenville [2]	29	29	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B.C.	General	1,152
Iris	29	29	Neth.	Royal Neth. S.S. Co.	Cartegena, Col.	B'ventura, Col.	General	79
Nelson Traveler	28	29	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	([17])	3,184
Villanger [2]	29	29	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Vancouver, B.C.	Ballast	
Petter [1] [2]	29	29	Nor.	Jorgen P. Jensen	Pt. de Bouc., Fr.	Talara, Peru	Ballast	
President Van Buren.	30	30	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	7,098
California	30	30	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	3,473
Lautaro [2]	29	30	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile.	General	3,983
Bronxville [2]	29	30	Nor.	Fern Line	Houston, Tex.	Moji, Japan	Scrap iron	7,485
San Diego	29	30	Amer.	States S.S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	2,865
Hokkai Maru [2]	30	30	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	([18])	7,909
Zealandic [2]	30	31	Brit.	Shaw, Savill & Albion	London, England	Lyttleton, N.Z.	General	5,753
Massmar	30	30	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,734
Santa Inez [2]	30	31	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,020
Fulda [2]	30	30	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	4,856
C. A. Canfield [1]	30	31	Amer.	Standard Ship. Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	
Silvercypress [2]	30	31	Brit.	S. & J. Thompson	Baltimore, Md.	Hongkong, China	General	2,344
West Cape	30	31	Amer.	McCormick S.S. Co.	San Juan, P.R.	Tacoma, Wash.	General	4,189
Obioan	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,405
Elg [2]	31	31	Nor.	Deitcher Brothers	Quebec, Canada.	Moji, Japan	Scrap iron	6,500
Santa Catalina [2]	30	1	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	Gen., coffee.	810
Mayan	28	1	Amer.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	1,362
Cacique	30	1	Amer.	Grace Line	New York, N.Y.	Talcahuano, Chile	General	1,123
West Ira	31	1	Amer.	McCormick S.S. Co.	Buenos Aires, Arg	Seattle, Wash.	Corn, gen.	4,617
W. S. Miller [1]	1	1	Amer.	Standard Oil Co.	Tampico, Mex.	Los Angeles, Cal.	([19])	8,570
Beaconoil [1]	1	1	Amer.	Shell Oil Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	
Mauna Kea	1	1	Amer.	Matson S.S. Co.	Philadelphia, Pa.	Hawaiian Islands.	Autos, gen.	330
Cerigo	31	1	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	138
Pirate [3]	1	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [16]		
Pacific Pioneer [2]	1	2	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	565
Port Caroline	1	2	Brit.	Com'lth & Dom. Line	Philadelphia, Pa.	Frem'tle, Aus'lia.	General	6,757
Tsuyama Maru	2	2	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa.	Kobe, Japan	([20])	5,875
Florence Luckenbach.	2	2	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	5,314
Istmo	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	150
Pasajero [3]	2	2	Pan.	R. Feuillebois	Cristobal, C.Z.	Darien, R.P.	Ballast	
Tyr [2]	2	3	Nor.	Anglo-Can. Ship. Co.	Habana, Cuba.	Los Angeles, Cal.	Ballast	
Montgomery City	3	3	Amer.	Isthmian S.S. Lines	Portland, Me.	Tacoma, Wash.	Steel, gen.	4,478
Glenardle	3	3	Brit.	Eagle Oil Co.	Tampico, Mex.	Adelaide, Aus'lia.	Asphalt	6,036
Columbian	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,525

[1] Tanker. [2] Motor ship. [3] Motor schooner. [13] General, meal, oil, etc. [14] Steel, lumber, general. [15] Chalk, sand, steel. [16] For bananas and return to Cristobal, C.Z. [17] Coal, paper, general. [18] Scrap iron, general. [19] Gasoline, case oil, kerosene. [20] Potash, cotton, carbon black, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Leikanger	3	3	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B.C.	General	5,184
Raby Castle [2]	3	3	Brit.	Barber Line	New York, N.Y.	Yawata, Japan	Scrap iron	7,038
Australind [2]	3	4	Brit.	Australian-Amer. Line	Philadelphia, Pa.	Sydney, Aust'lia.	General	3,537
Margaret Johnson. [2]	3	4	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	Paper, gen.	705
Virgilio [2]	3	4	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	469
Chateau Thierry [8]	3	...	Amer.	U.S. Army	New York, N.Y.	Balboa, C.Z.	General	225
Damsterdijk [2]	3	4	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B.C.	General	1,654
Point Judith	3	4	Amer.	Swayne & Hoyt	Galveston, Tex.	Tacoma, Wash.	General	4,790
Tana	4	4	Nor.	Wilh. Wilhelmsen	Gulfport, Miss.	Yawata, Japan	(13)	6,687
Overton [9]	4	9	Amer.	U.S. Navy	Guantan'o, Cuba.	San Diego, Calif.	Ballast	.....
Sturtevant [9]	4	9	Amer.	U.S. Navy	Guantan'o, Cuba.	San Diego, Calif.	Ballast	.....
General Mosquera. [8]	4	5	Col.	Colombian Govt	La Goagira, Col.	B'ventura, Col.	Salt	840
Stentor [2]	4	4	Brit.	Funch Edye & Co.	Philadelphia, Pa.	Chinampo, Korea	General	4,971
Real [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Sambu [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Taft	5	6	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Gen., mach'y	4,342
Komaki Maru [2]	5	5	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Osaka, Japan	(14)	7,161
Horace Luckenbach.	5	5	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,201
San Lucas	5	5	Amer.	Quaker Line	Norfolk, Va.	San Diego, Calif.	General	4,038
Santa Rosa	6	7	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	General	3,193
Santa Clara	5	7	Amer.	Grace Line	New York, N.Y.	San Antonio, Chile	General	2,591
Nojima Maru [2]	6	7	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	(15)	5,901
Remuera	6	7	Brit.	N.Z. Shipping Co.	London, England	Wellington, N.Z.	General	3,519
Pirate [3]	6	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [16]	.....	.....
Gothic Star	6	7	Brit.	Blue Star Line	Newcastle, Eng.	Vancouver, B.C.	Ballast	.....
D. G. Scofield [1]	7	7	Amer.	International Pet. Co.	Aruba, D.W.I.	Callao, Peru	Fuel oil	10,511
Tai Yang [2]	7	7	Nor.	Barber Wilhelmsen	New York, N.Y.	Yokohama, Japan	(17)	5,756
Gregalia	7	8	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B.C.	General	515
Pennsylvanian	7	8	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,133
Trois Ilets	6	8	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	General	25
Vestvard [2]	7	8	Nor.	Wessel, Duval & Co.	Three Riv., Can.	Talcahuano, Chile	General	3,124
Absaroka	8	8	Amer.	McCormick S.S. Co.	New York, N.Y.	Seattle, Wash.	General	2,075
Nuevo Panama [2]	6	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	Gen., gasoline	232
Southern Sun [1] [2]	7	9	Amer.	Atlantic Refining Co.	Philadelphia, Pa.	El Segundo, Cal.	Gasoline	2,500
Point Salinas	8	8	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	4,165
Istmo	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	200
Pan Aruba [1] [2]	8	8	Nor.	Huasteca Pet. Co.	Amsterdam, Neth.	Talara, Peru	Ballast	.....
Tuira [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Drakepool	8	9	Brit.	Sir R. Ropner & Co.	Swansea, Eng.	Vancouver, B.C.	Ballast	.....
Holystone	9	9	Brit.	Anglo-Can. S.S. Co.	Swansea, Eng.	Vancouver, B.C.	Ballast	.....
Salvador	3	9	Brit.	Pacific Steam Nav. Co	Cristobal, C.Z.	Champ'ico, Guat.	General	462
Durazzo	8	9	Ger.	Hamburg-Amer. Line.	Pto. Colombia	B'ventura, Col.	General	947
Cephee	8	9	Fr.	Messageries Marit'es	Marseille, France	New Caledonia	General	1,225
Saarland	8	9	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,998
Sambu [2]	8	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Ryufuku Maru	10	10	Jap.	Kokusai Kisen Kaisha	Pto. Cabello, Ven.	Kenjiho, Japan	Scrap steel	6,866
President de Vogue. [1] [2]	10	10	Nor.	Comp. des Products chemiques et Raf.	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
San Francisco	9	10	Fr.	French Line	Havre, France	Vancouver, B.C.	(18)	6,226
Schwaben	9	10	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	6,450
Sveadrott [2]	10	10	Swed.	Rederiaktiebolaget, Sv	Goth'burg, Swed.	Valparaiso, Chile.	General	1,481
Amerika [2]	10	10	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B.C.	General	44
Benjamin Franklin. [2]	10	12	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B.C.	Steel, gen.	4,296
Pennmar	10	11	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,317
Rotula [1] [2]	11	11	Neth.	Anglo-Saxon Pet. Co.	United Kingdom.	Los Angeles, Cal.	Ballast	.....
Lapwing [10]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	(19)	.....
Mexican	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,366
Anadara [1] [2]	11	11	Brit.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Valparaiso, Chile.	Fuel oil	11,582
Brimanger [2]	11	11	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Passengers	.....
Arna [2]	11	11	Nor.	Montreal Ship. Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	.....
Trenton [12]	12	...	Amer.	U.S. Navy	Swan Islands	Balboa, C.Z.	Ballast	.....
Cellina [2]	11	12	Ital.	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B.C.	Salt, gen.	1,854
Taylor [9]	12	...	Amer.	U.S. Navy	Swan Islands	Balboa, C.Z.	Ballast	.....
Saramacca	12	12	Amer.	United Fruit Co.	New Orleans, La.	Pto. Arm'les, R.P.	Ballast	.....
Reginolite [1] [2]	12	12	Brit.	Imperial Oil Co.	Caripito, Venez.	Iquique, Chile	Fuel oil	12,046
Amagisan Maru [2]	12	12	Jap.	Mitsui Bussan Kaisha	New York, N.Y.	Yokohama, Japan	(20)	6,852
City of Canberra	12	13	Brit.	Amer.-Australian Line	Paulsboro, N.J.	Brisbane, Aus'lia.	General	4,351
Edward Luckenbach.	12	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	1,060
Robert Luckenbach.	12	12	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,942
President Garfield	13	13	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Autos., gen.	3,689

[1] Tanker. [2] Motor ship. [3] Motor schooner. [8] Transport. [9] Destroyer. [10] Mine sweeper. [12] Cruiser. [13] Scrap iron, steel. [14] Scrap iron, lead, cotton, zinc. [15] Oil, steel, general. [16] For bananas and return to Cristobal. [17] Scrap iron, general. [18] General, coke, sand, etc. [19] Towing barge No. 2. [20] Cotton, rosin, scrap steel, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Hurricane [6]	8–6		Amer.	Kauffman & Mefford.	Bluefields, Nic.	Round the world.	Ballast	
Virginia	9–13	14	Amer.	Panama-Pacific Line.	New York, N.Y	S. Francisco, Cal.	General	3,177
Oregon Express [2]	12	13	Nor	Fruit Express Line	Cardiff, England	Portland, Oreg.	Ballast	
Canadian Cruiser	12	13	Brit	Can. Nat. Steamships	Montreal, Can.	Brisbane, Aus'lia.	General	4,196
Willkeno	13	13	Amer.	Williams S.S. Co.	Bridgeport, Conn.	Tacoma, Wash.	General	4,776
Alaska	12	13	Fr	French Line	Havre, France	Talcahuano, Chile	General	1,097
J-26 [5]			Amer.	U.S. Army	Cristobal, C.Z	Gatun, C.Z.	Ballast	
Pirate [3]	13		Pan	E. J. Hooper	Cristobal, C.Z	Gatun, C.Z. [13]		
Santa Rita [2]	13	14	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,805
C. O. Stillman [1 2]	7	14	Brit	International Pet. Co.	Halifax, N.S.	Talara, Peru	Ballast	
Paris City	13	14	Brit	Reardon-Smith Line.	Baltimore, Md.	Vancouver, B.C.	Ballast	
Kentuckian	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,186
Sambu [2]	13		Pan	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Santa Monica [2]	8–19	15	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	777
Charles Nelson	9–14	15	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	2,392
Timber Rush	14	15	Amer.	Shepard S.S. Co	N. London, Conn.	Portland, Oreg.	General	2,658
Hindanger [2]	14	15	Nor	Interocean S.S. Co	London, England	Los Angeles, Cal.	Passengers	
Cathwood [1]	14	15	Amer.	Union Oil Co	Boston, Mass.	Los Angeles, Cal.	Ballast	
Daldorch	15	15	Brit	Anglo-Can. Ship. Co	Barry, England	Vancouver, B.C.	Ballast	
Irisbank [2]	15	15	Brit	Bank Line	Boston, Mass.	Shanghai, China	General	3,251
Pacific Shipper [2]	15	16	Brit	Furness, Withy & Co.	Glasgow, Scot	Vancouver, B.C.	General	781
Pirate [3]	14		Pan	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [13]		

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Caroline [2 6]	12	16	Amer.	Douglas Fairbanks, Sr.	Marquesas Is.	New York, N.Y.	Ballast	
Norfolk Maru	16	16	Jap	Kawasaki K. Kaisha	Shanghai, China	Houston, Tex.	Raw silk, gen	3,460
Getsuyo Maru [2]	16	16	Jap	Mitsui BussanKaisha.	Hoilo, P.I.	New York, N.Y.	Silk, gen	5,880
Arna [2]	16	16	Nor	Mutual Chemical Co.	New Caledonia	New York, N.Y.	Chrome ore	7,500
Willamette Valley [2]	16	16	Brit	Sir W. R. Smith Sons.	Vancouver, B.C.	Liverpool, Eng.	General	7,569
Manizales	16	17	Ger	North German Lloyd	Guayaquil, Ecua.	Pto. Colombia	Coffee, gen.	805
Kinai Maru [2]	16	17	Jap	Osaka Shosen Kaisha.	Dairen, China	Baltimore, Md.	Raw silk, gen	4,620
King James [2]	16	17	Brit	East Asiatic Co	Dairen, China	Falmouth, Eng. [14]	Soy beans	8,637
Drag boat, No. 7	16		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Trontolite [1 2]	16	17	Brit	Imperial Oil Co.	Talara, Peru	Halifax, N.S.	Gasoline	7,200
Marpessa [1 2]	16	17	Neth	Shell Oil Co.	Los Angeles, Cal.	Curacao, D.W.I.	Stove oil	9,670
D. G. Scofield [1]	16	17	Amer.	Standard Oil Co	S. Francisco, Cal.	Baltimore, Md.	([15])	10,921
San Rafael	17	17	Amer.	States S.S. Co	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,235
William A. McKenney.	17	17	Amer.	McCormick S.S. Co.	Pt. Tow'd, Wash.	Boston, Mass.	Lumber, gen.	7,600
Hanley	17	17	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	([16])	9,358
Henderson	17	20	Amer.	U.S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores	846
Point Reyes	17	18	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	Sugar	4,479
Alaskan	18	18	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,348
Dalhanna	18	18	Brit	Anglo-Can. S.S. Co.	Victoria, B.C.	Liverpool, Eng.	General	8,050
Europa [2]	18	18	Dan	East Asiatic Co	Vancouver, B.C.	Copenhagen, Den.	Lumber, gen.	8,302
Franz Klasen [1 2]	18	18	Pan	W. Tankschiff Rhed'i.	Talara, Peru	Hamburg, Ger.	Gasoline	17,264
President Taft	19	19	Amer.	Dollar Line	S. Francisco, Cal.	New York, N.Y.	General	5,340
Rangitiki [2]	18	19	Brit	N.Z. Shipping Co	Wellington, N.Z.	London, England	Frozen, gen.	6,306
Edward Luckenbach.	18	19	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	5,548
Steel Mariner	19	19	Amer.	Isthmian S.S. Lines	Pt. Allen, T.H.	E. coast U.S.A.	Sugar	8,542
Nebraska	19	20	Brit	Royal Mail Lines	Victoria, B.C.	Rotterdam, Neth.	General	5,678
Tilsington Court	19	19	Brit	United Brit. S.S. Co.	Pt. Alberni, B.C.	London, England	([17])	9,700
Marian Otis Chandler.	19	19	Amer.	Matson S.S. Co	Pt. Allen, T.H.	Baltimore, Md.	([18])	6,866
California	19	20	Amer.	The Texas Co	Los Angeles, Cal.	New York, N.Y.	Gasoline	14,310
Taranger [2]	19	19	Nor	Interocean S.S. Corp.	Vancouver, B.C.	Rotterdam, Neth.	General	6,726
Oakworth [2]	19	19	Brit	Canadian Transp. Co.	Vancouver, B.C.	London, England	Lumber, gen.	6,600
Santa Rosa	19	20	Amer.	Panama Mail S.S. Co.	S. Francisco, Cal.	New York, N.Y.	General	4,030
Acajutla	20	26	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	210
Sambu [5]	20	21	Pan	A. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	32
Spencer Kellogg [1]	20	20	Amer.	Kellogg S.S. Co	Manila, P.I.	New Orleans, La.	Coconut oil	6,680
Sona [2]	20	21	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	([19])	46
Knute Nelson [2]	21	21	Nor	Fred Olsen & Co.	Vancouver, B.C.	Oslo, Norway	General	5,992
Oakland [2]	20	22	Ger	Hamburg-Amer. Line.	Vancouver, B.C.	Hamburg, Ger.	General	6,474
Pacific Exporter [2]	20	21	Brit	Furness, Withy & Co.	Vancouver, B.C.	Glasgow, Scot.	General	7,867
Hawaiian	20	21	Amer.	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass.	Gen., lumber	5,086
Alabama	20	21	Fr	French Line	SanAntonio, Chile	Havre, France	General	7,860
Adamello	20	21	Ital	Soc. Garibaldi	Tocopilla, Chile	Azores [14]	Nitrates	8,550
Southern Sun [1 2]	20	21	Amer.	Sun Oil Co	Los Angeles, Cal.	Marcus Hook, Pa.	Gasoline	13,683
Texmar	21	21	Amer.	Calmar S.S. Corp	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	4,615
Noto Maru [2]	21	22	Jap	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	3,790
Santa Clara	20	22	Amer.	Grace Line	SanAntonio, Chile	New York, N.Y.	General	4,487
Onondaga	21	22	Amer.	Dutton Lumber Corp.	N. West'er, B.C.	Camden, N.J.	Lumber	2,255

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] For bananas and return to Cristobal, C.Z. [14] For orders. [15] Petrolastic asphalt. [16] Copper, lumber. [17] Spelter, wheat, lumber [18] Sugar, pineapples. [19] Bananas, plantains.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Kishacoquillas [1] [2]	21	21	Amer.	U.S. Tankship Corp.	Hilo, T.H.	New York, N.Y.	Molasses	7,678
King Edward	21	21	Brit.	Dodd Thomson & Co.	Alberni, B.C.	Garston, England	([14])	6,265
Cape Horn [2]	21	22	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate soda.	8,900
Talaralite [1]	21	22	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N.S.	Fuel oil	3,628
Bradburn	21	22	Brit.	W. R. Smith & Sons.	Vancouver, B.C.	Hull, England	([15])	8,100
Heffron	21	22	Amer.	Pac. Coast Dir. Line.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,392
Amastra [1] [2]	22	22	Brit.	Shell Oil Co. of Calif.	Los Angeles, Cal.	United Kingdom [13]	Benzine	11,295
Point Brava	22	22	Amer.	Swayne & Hoyt	Portland, Oreg.	Corpus Ch'ti, Tex	Lumber, gen.	5,844
Samuel Bakke [2]	22	22	Nor.	Scand.-S. Pacific Line	Valparaiso, Chile.	Goth'burg, Swed.	General	6,820
Dageid [1] [2]	22	22	Nor.	General Pet. Corp.	Los Angeles, Cal.	Perseus, Greece	Gas., kerosene	8,935
Tisnaren [2]	22	22	Swed.	Transatlantic S.S. Co.	Apia, Samoa	Hamburg, Ger.	([16])	8,521
Pakeha	22	23	Brit.	Shaw, Savill & Albion	Auckland, N.Z.	Glasgow, Scot.	Frozen, gen.	5,810
Konigsberg [2]	23	23	Ger.	North German Lloyd.	Ant'fagasta, Chile	Bremen, Ger.	General	7,779
K. I. Luckenbach.	23	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	5,461
Nuevo Panama [4]	23	25	Pan.	Elliot Ship. & Land Co.	Panama, R.P.	Cristobal, C.Z.	Ballast	.....
Beatus	23	24	Brit.	Andrew Weir & Co.	Suva, Fiji	United Kingdom.	Raw sugar	7,601
Real [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	36
Tuira [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	58
Iris	23	25	Neth.	Royal Neth. S.S. Co.	Guayaquil, Ecua.	Cristobal, C.Z.	General	447
Point Bonita	24	24	Amer.	Swayne & Hoyt	Portland, Oreg.	Lake Charles, La.	Gen., lumber	3,667
Orazio [2]	24	25	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,696
Canadian Scottish	24	25	Brit.	Can. Nat. Steamships	Auckland, N.Z.	Montreal, Can.	General	3,303
Durazzo	24	25	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	747
Willmoto [2]	24	24	Amer.	Williams S.S. Co.	Seattle, Wash.	New York, N.Y.	Lumber, gen.	7,225
Tatsuno Maru	24	25	Jap.	Nippon Yusen Kaisha	Iloilo, P.I.	Boston, Mass.	Sugar, gen.	8,117
Nosa King	24	25	Amer.	Grace Line	Talcahuano, Chile	New York, N.Y.	([17])	4,231
Sambu [5]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	13
Cathwood [1]	23	25	Amer.	Union Oil Co.	Los Angeles, Cal.	Tiverton, R.I.	Gasoline	8,444
Victoria City	24	25	Brit.	Canadian Transp. Co.	Vancouver, B.C.	Hull, England	([18])	8,070
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	573
Silverbelle [2]	24	25	Brit.	Silver Line, Ltd.	S. Francisco, Cal.	Calcutta, India	General	6,730
Tai Shan [2]	24	25	Pan.	Wilh. Wilhelmsen	Davao, P.I.	New York, N.Y.	([18])	4,620
Steel Trader	25	25	Amer.	Isthmian S.S. Lines	Portland, Oreg.	London, England	Lumber, gen.	6,460
Minnesotan	25	25	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,083
Sage Brush	25	25	Amer.	Shepard S.S. Co.	Seattle, Wash.	Albany, N.Y.	Lumber, gen.	7,684
Forbes Hauptman	25	25	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,914
Vancouver	25	26	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,051
Trois Ilets	25	27	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	288
Pan Europe [1] [2]	25	26	Nor.	Huesteca Pet. Co.	Talara, Peru	Aruba, D.W.I.	([19])	14,223
Moldanger [2]	25	26	Nor.	Interocean S.S. Corp.	N. West'er, B.C.	Rotterdam, Neth.	General	7,391
San Jose	26	27	Fr.	French Line	Vancouver, B.C.	Antwerp, Belgium	General	6,100
Herman Frasch	26	26	Amer.	Dutton Lumber Corp.	Everett, Wash.	Po'keepsie, N.Y.	Lumber	5,362
Brynje [2]	26	26	Nor.	Canadian Transp. Co.	Vancouver, B.C.	Carston, Eng.	Lumber, gen.	6,190
Santa Catalina [2]	26	27	Amer.	Grace Line	Pisco, Peru	Pto. Colombia	General	1,294
Virginia	26	27	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	6,163
Loreto [2]	27	28	Brit.	Pacific Steam Nav. Co.	Corral, Chile	Hull, England	General	7,629
Annie Johnson [2]	27	27	Swed.	Johnson Line	S. Francisco, Cal.	Goth'burg, Swed.	General	5,660
Santa Rita [2]	27	27	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	Copper, gen.	2,864
Chamita [5]	27	...	Amer.	J. A. Cummins	Balboa, C.Z.	Cristobal, C.Z.	Ballast	.....
Edgar F. Luckenbach.	27	28	Amer.	Luckenbach Line	Seattle, Wash.	Mobile, La.	General	6,016
Mayan	28	1	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	349
S-11 [7]	28	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
S-13 [7]	28	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
S-10 [7]	28	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Acavus [1] [2]	28	28	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	United Kingdom.	Gasoline	11,385
Hakonesan Maru [2]	28	28	Jap.	Mitsui & Co.	Iloilo, P.I.	New York, N.Y.	Silk, gen.	6,318
Kiyosumi Maru [2]	28	28	Jap.	Kokusai Kisen Kaisha	Manila, P.I.	New York, N.Y.	Silk, gen.	9,255
El Oso [1]	28	28	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Ellesmere, Eng.	Crude oil	10,010
Washington	28	28	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,685
Retriever [5]	28	..	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Soloy [2]	28	29	Nor.	Erling H. Samuelsen.	Pt. Redon, F.I.C.	Montreal, Can.	([20])	7,800
Gen. M. H. Sherman.	28	29	Amer.	Matson S.S. Co.	Honolulu, T.H.	New York, N.Y.	Sugar, gen.	7,000
Montanan	29	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,724
California Express. [2]	29	29	Nor.	Fruit Express Line	S. Francisco, Cal.	London, England	Fresh fruit	1,731
Paula	29	29	Dan.	West Coast Line	Valparaiso, Chile.	Baltimore, Md.	Nitrates, gen.	2,512
Lochmonar [2]	29	30	Brit.	Royal Mail Line, Ltd.	Vancouver, B.C.	Rotterdam, Neth.	General	8,194
Steelore	30	30	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Parthenia	30	30	Brit.	Donaldson Line	Victoria, B.C.	Glasgow, Scot.	General	4,894
Mallard, No. 44 [4]	30	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Lewis Luckenbach	30	30	Amer.	Luckenbach Line	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	9,073
Antofagasta	30	31	Chile	Cia. Chilena de Nav.	Callao, Peru	New York, N.Y.	Mineral, gen.	5,445
Hoegh Merchant [2]	30	1	Nor.	Kawasaki K. Kaisha	Keelung, Japan	Houston, Tex.	Silk, gen.	3,464
Dusseldorf [2]	30	31	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,140
Anna Maersk [2]	30	31	Dan.	A. P. Moller	Cebu, P.I.	Savannah, Ga.	Sugar, gen.	6,695

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] For orders. [14] Grain, lumber. [15] Wheat, lumber. [16] Copra, cocoa, ore. [17] Copper, cotton, beans. [18] Coconut oil, general. [19] Naphtha, refined oil. [20] Anthracite coal.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Galveston [2]	31	31	Amer.	Roosevelt S.S. Co.	Sydney, Aus'lia.	New York, N.Y.	General	8,017
Cerigo	31	1	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	935
Nako Maru [2]	1	1	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,380
Istmo	31	2	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	531
Democracy	1	1	Amer.	Nelson S.S. Co.	Seattle, Wash.	New York, N.Y.	Lumber, gen.	6,743
President Wilson	2	2	Amer.	Dollar Line	Manila, P.I.	New York, N.Y.	General	7,176
Peter Hurll [1] [2]	2	2	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	16,693
Phoebus [1] [2]	1	2	Pan.	Waried, Hamburg	Talara, Peru	Fawley, England	Crude oil	12,704
William Luckenbach.	1	2	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,005
Weser [2]	1	3	Ger.	North German Lloyd.	Vancouver, B.C.	Bremen, Ger.	Lumber, gen.	7,277
West Cactus	2	2	Amer.	McCormick S.S. Co.	Seattle, Wash.	New York, N.Y.	General	7,349
Bornholm	2	2	Dan.	Chile. Nit. Sales Corp.	Tocopilla, Chile.	New Orleans, La.	Nitrate	5,275
Sunoil [1] [2]	2	2	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,478
Bonnington Court. [2]	2	2	Brit.	Canadian Transp. Co	Vancouver, B.C.	Montreal, Can.	Lumber, gen.	6,473
Santa Elena	2	3	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y	Coffee, gen.	3,700
Canonesa	2	3	Brit.	Furness Line	S, Francisco, Cal.	Glasgow, Scot	Frozen, gen	5,886
W. M. Delphia [2]	2		Hond.	W. S. McNab	Amapala, Hond.	Castilla, Hond.	Salt	75
Real [2]	3	4	Pan.	Elliot Ship. & Land Co	Darien, R.P.	Cristobal, C.Z.	Bananas	20
Sambu [2]	3	4	Pan.	A. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	31
Socony Vacuum [1]	2	3	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R.I.	Gasoline	14,510
Phrygia [2]	3	4	Ger.	Hamburg-Amer. Line	San Jose de Guat.	Hamburg, Ger.	General	590
Salvador	3	9	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C.Z.	General	239
Tamaroa	3	4	Brit.	Shaw, Savill & Albior	Auckland, N.Z.	London, England	Frozen, gen	5,443
Lavington Court	3	3	Brit.	Anglo-Can. S.S. Co.	Vancouver, B.C.	London, England	([14])	7,900
Leda [1] [2]	3	3	Pan.	Standard Ship. Co.	Talara, Peru	S'ampton, Eng.	Crude oil	12,243
Hopecrest [2]	3	4	Brit.	Canadian Transp. Co.	Vancouver, B.C.	S'ampton, Eng.	([14])	8,888
San Anselmo	3	4	Amer.	States S.S. Co	Los Angeles, Cal.	Jacksonville, Fla	Lumber, gen.	8,780
Willboro	4	4	Amer.	Williams S.S. Co.	S. Francisco, Cal.	Baltimore, Md.	General	7,202
Anniston City	4	4	Amer.	Isthmian S.S. Lines	Seattle, Wash.	Swansea, Eng.	([13])	5,746
Santa Maria [2]	4	5	Amer.	Grace Line	S. Antonio, Chile.	New York, N.Y.	Coffee, gen.	3,598
Chilore	5	5	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Point Chico	4	5	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	4,982
Pomona	4	5	Amer.	Weyerhaeuser S.S. Co.	Portland, Oreg.	Newark, N.J.	([16])	10,461
Canada [2]	5	5	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	Wheat, gen.	7,546
M. C. Holm	5	5	Dan.	Wessel, Duval & Co.	Patache, Chile.	Jacksonville, Fla.	Guano	4,600
Dallington Court	5	5	Brit.	Anglo-Can. S.S. Co.	N. West'er, B.C	London, England	([17])	9,300
Harpoon	5	5	Amer.	Shepard S.S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	7,729
St. Mihiel [8]	5	6	Amer.	U.S. Army	Honolulu, T.H.	Brooklyn, N.Y.	Supplies	1,070
Tokai Maru [2]	5	7	Jap.	Osaka Shosen Kaisha.	Iloilo, P.I.	Baltimore, Md.	General	6,254
Pacific President [2]	5	6	Brit.	Furness, Withy & Co.	Victoria, B.C.	Glasgow, Scot.	General	7,700
Birmingham City.	5	6	Amer.	Isthmian S.S. Lines	Port Allen, T.H.	Boston, Mass.	Sugar, gen.	7,534
Chateau Thierry [8]	4	7	Amer.	U.S. Army	Balboa, C.Z.	New York, N.Y	Supplies	82½
Dryden	6	6	Amer.	Lykes Bros.-Ripley	Manila, P.I.	New Orleans, La.	Copra, hemp	6,815
American Cardinal.	6	7	Amer.	Cargill Grain Co.	Portland, Oreg.	Albany, N.Y.	Wheat	5,843
Trojan Star	6	7	Brit.	Blue Star Line	Bluff, N.Z.	London, England	Frozen, gen.	5,975
Stensby [2]	6	6	Brit.	British Phosphate Co.	Nauru, Society Is.	Kotka, Finland	Phosphate	6,000
Trois Ilets	6	8	Fr.	French Line	Manta, Ecuador	Cristobal, C.Z.	Coffee	313
Nuevo Panama [2]	6	8	Pan.	Elliot Ship. & Land Co.	Panama, R.P.	Cristobal, C.Z.	General	25
Parracombe	6	7	Brit.	Andrew Weir & Co.	Suva, Fiji Is.	United Kingdom	Sugar	7,682
Petter [1] [2]	7	7	Nor.	J. P. Jensen	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	14,409
Cali	7		Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z.	General	1,087
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	44
Pasajero [2]	7		Pan.	R. Feuillebois	Darien, R.P.	Cristobal, C.Z.	Bananas	20
Tuira [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Colon, R.P.	Bananas	54
Oregon [2]	7	8	Fr.	French Line	Vancouver, B.C.	Le Havre, France	Wheat, gen.	7,900
Istmo	7	8	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	477
Susan V. Luckenbach.	7	7	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,591
Losmar	7	7	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	5,746
Mercury Sun [1] [2]	7	8	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,844
Nebraskan	8	8	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,968
Sambu [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	15
Dorothy Cahill	8	8	Amer.	Arrow Line	Portland, Oreg.	New York, N.Y.	Lumber	6,531
Granville [2]	8	8	Pan.	Fred Olsen Line	Seattle, Wash.	Oslo, Norway	General	7,203
Eastern Glade.	8	8	Amer.	Prudential S.S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber	7,340
Orbita	8	9	Brit.	Pacific Steam Nav.Co.	Talcahuano, Chile	Liverpool, Eng.	General	7,422
Viking Star	8	9	Brit.	Blue Star Line, Ltd.	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	5,219
Ruahine	8	8	Brit.	N.Z. Shipping Co.	Auckland, N.Z.	London, England	Frozen, gen.	4,271
Auris	8	9	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	Gasoline	11,352
Ilissos	9	9	Greek.	Livanos Brothers	Iquique, Chile	Azores [13]	Nitrates	7,600
Washington Express. [2]	9	9	Nor.	Fruit Express Line	S. Francisco, Cal.	London, England	Fresh fruit	1,100
Benledi	9	9	Brit.	Continental Grain Co.	S. Francisco, Cal.	Avonmouth, Eng.	Barley	8,060
American Oriole	9	9	Amer.	Puget Sd. Assn. Mills.	Olympia, Wash.	New York, N.Y.	Lumber	7,500
Atlantic City	9	9	Brit.	Regular Service	Vancouver, B.C.	Cardiff, Wales	General	8,500

[1] Tanker. [2] Motor ship. [8] Transport. [13] For orders. [14] Wheat, lumber. [15] Grain, canned goods. [16] Lumber, pulp, copper. [17] Wheat, spelter, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Willsolo	9	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber gen.	8,602
W. R. Keever	9	9	Amer.	Dutton Lumber Corp.	Everett, Wash.	Camden, N.J.	Lumber	7,220
Pennsylvania	9	10	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	8,528
Ryoyo Maru [2]	10	10	Jap.	Kawasaki K. Kaisha.	Shanghai, China	Baltimore, Md.	Silk, gen.	2,412
Boskoop	10	10	Neth.	Royal Neth. S.S. Co.	Corral, Chile	Hamburg, Ger.	General	8,394
Katrina Luckenbach.	10	10	Amer.	Luckenbach Gulf Co.	Los Angeles, Cal.	New Orleans, La.	General	7,916
El Alcto [1] [2]	10	10	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Antwerp, Belgium	Crude oil	10,159
Athelfoam [1] [2]	10	10	Brit.	United Molasses Co.	Honolulu, T.H.	Lands End [13]	Molasses	10,081
Santa Barbara [2]	10	11	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	Copper, gen.	3,552
Azumasan Maru [2]	10	10	Jap.	Mitsui Bussan Kaisha	Manila, P.I.	New York, N.Y	General	7,421
Winslow [5]	10	..	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	Towing barge	.....
Ousebridge	11	11	Brit.	Seaboard Lumber Co.	Pt. Alberni, B.C.	Brooklyn, N.Y.	Lumber	7,365
Corrientes	11	11	Brit.	Donaldson Line	Victoria, B.C.	Glasgow, Scot.	Fruit, gen.	3,773
Berganger [2]	11	11	Nor.	Interocean S.S. Corp.	Vancouver, B.C.	Rotterdam, Neth.	Grain, gen.	7,472
Yorkmar	11	11	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	5,179
Arizonan	11	11	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,407
Speybank [2]	11	12	Brit.	Queensland Govt.	Gladstone, Aus'lia	Montreal, Can.	Raw sugar	8,343
Sekstant	11	16	Nor.	Grace Line	Pisco, Peru	Cristobal, C.Z.	General	848
Rialto [2]	11	13	Ital.	Nav. Lib.-Triestina	Vancouver, B.C.	Trieste, Italy	General	6,321
Kirishima Maru [2]	12	12	Jap.	Kokusai Kisen Kaisha	Manila, P.I.	New York, N.Y.	Silk, gen.	7,317
Deroche [1]	12	12	Amer.	Union Oil Co.	Los Angeles, Cal.	Paulsboro, N.J.	Gasoline	8,000
Chester Sun [1] [2]	12	12	Amer.	Sun Oil Co	El Segundo, Calif	Chester, Pa	Gasoline	13,320
F. J. Luckenbach.	12	13	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,014
West Nilus	12	14	Amer.	McCormick S.S. Co.	Tacoma, Wash.	Albany, N.Y.	General	8,039
Iris	12	14	Neth.	Royal Neth. S.S. Co.	Guayaquil, Ecua.	Cristobal, C.Z.	General	413
India	13	13	Dan.	East Asiatic Co.	Vancouver, B.C.	Copenhagen, Den.	General	10,999
Lapwing [4]	13	..	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	Towing barge	.....
San Vincente	13	13	Amer.	Quaker Line	Everett, Wash.	Philadelphia, Pa	Lumber, gen.	7,430
Sambu [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	23
Narenta	13	15	Brit.	N. Pac. Coast Line	Vancouver, B.C.	Rotterdam, Neth.	General	6,187
Trois Ilets	13	16	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee, tagua	311
Marsodak	14	14	Amer.	Nelson Line	Los Angeles, Cal.	New York, N.Y.	Gen., lumber	4,882
Manizales	14	..	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	666
Istmo	14	15	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	360
Marore	15	15	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Canadian Victor.	14	16	Brit.	Can. Nat. Steamships	Sidney, N.S.W.	Montreal, Can.	General	1,745
Atlanta City	15	15	Amer.	Isthmian S.S. Lines.	Vancouver, B.C.	Swansea, Eng.	General	8,114
Nordbo [2]	15	15	Dan.	Continental Grain Co.	S. Francisco, Cal.	Hull, England	Barley, gen.	7,538

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] For orders.

Prevention of the Introduction of Bubonic Plague from Guayaquil, Ecuador

BALBOA HEIGHTS, C.Z., *August 29, 1935.*

To steamship agents and others concerned:

Official notification has been received of the confirmation on August 6, 1935, of the presence of bubonic plague in Guayaquil, Ecuador. Until further notice, the following regulations will govern:

1. All vessels arriving at a Canal Zone port which have loaded rat-attractive or rat-harboring cargo at Guayaquil, Ecuador, during the present or current voyage to the Canal Zone, for discharge or transshipment at the Canal Zone, will be required to be fumigated throughout before discharge of such cargo, unless an acceptable certificate of fumigation, visaed by the American Consul at Guayaquil, Ecuador, is presented to the quarantine officer at the Canal Zone port of entry.

2. Vessels which call at Guayaquil, Ecuador, for the sole purpose of taking on passengers or cargo which is considered to be non-attractive and non-harboring to rats will not be required to be fumigated at the Canal Zone port of entry, but all such vessels will be permitted to come alongside a Canal Zone dock only under the following precautions—

(a) The vessel shall be fended off from the dock for a distance of not less than 4 feet.

(b) Each and every line extending from the ship to the shore shall be separately protected with an approved rat-guard, properly applied and

fixed so that it will at no time be nearer than 4 feet to the ship or to the face of the dock nearest the ship.

(c) All gangways between ship and shore shall, during the hours between sunset and 6 a.m. be raised to a height of 4 feet above the dock floor level, or shall be well lighted and guarded by an employee of the ship whose duty it will be to see that no rats leave the ship by way of the gangway.

3. For the purposes of these regulations, "rat-attractive" cargo shall embrace all articles of food customarily eaten by rats, particularly grains, legumes, bulb products as onions and garlic, nuts and similar foodstuffs. For the purposes of these regulations, "rat-harboring" cargo shall embrace all bulk materials or general cargo which is loosely baled, bagged, or crated.

4. Passengers embarking at Guayaquil, Ecuador, by steamer or airplane, for a Canal Zone port, will be carefully inspected on arrival and if symptons of any illness are manifested at the time of quarantine inspection such passengers may, in the discretion of the quarantine officer, be held in quarantine or kept under surveillance at a hospital in the Canal Zone or in the Republic of Panama until the possibility of plague infection is ruled out.

APPROVED:
J. L. SCHLEY,
Governor.

O. G. BROWN,
Chief Health Officer.

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of 1934 and 1935

Month	Number of transits					
	Suez Canal			Panama Canal		
	1934	1935	Percent decrease	1934	1935	Percent decrease
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
Total	3,265	3,313	[1] 1.5	3,127	2,948	5.7

	Tolls collected					
	Suez Canal			Panama Canal		
	1934	1935	Percent decrease	1934	1935	Percent decrease
	Thousands	*of francs*		*Thousands*	*of dollars*	
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
Total	498,670	505,880	[1] 1.4	14,316	13,125	8.3

[1] Denotes increase.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

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OFFICIAL PUBLICATION OF THE PANAMA CANAL.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXIX. Balboa Heights, C.Z., October 15, 1935. No. 3.

Traffic Through the Panama Canal in September 1935

The total vessels of all kinds transiting the Panama Canal during the month of September 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	September 1933	September 1934	September 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	385	435	196	195	391
Local commercial vessels [1]	39	40	28	25	53
Noncommercial vessels:					
United States Government	33	31	14	10	24
Colombian Government	.....	2	1	.....	1
For repairs	2	.....	.....	.....	.....
Total	459	508	239	230	469

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [1]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended September 30, 1935, as compared with the same period in the previous year.

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35
October	433	467	2,414,410	2,516,087	2,123,972	2,172,752	$2,034,963.22	$2,098,299.03
November	432	469	2,393,779	2,546,417	1,948,655	2,339,001	2,000,060.65	2,137,916.55
December	476	443	2,616,777	2,331,250	2,191,245	2,089,310	2,203,319.45	1,952,192.57
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	2,159,642.48	1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
Total	5,304	5,113	29,001,802	27,284,656	25,562,961	24,836,278	24,408,258.17	22,851,510.65

Traffic by Nationality of Vessels [1] for September 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British [2]	87	477,549	432,409	Netherlands	9	50,219	34,008
Chilean	1	3,886	4,052	Norwegian	33	161,766	133,853
Danish	15	73,790	84,961	Panamanian	14	56,511	73,997
French	7	39,662	31,909	Swedish	7	35,255	63,619
German	21	80,550	77,389	United States	167	950,926	906,978
Greek	3	11,663	13,050	Yugo-Slav	1	4,167	7,500
Honduran	2	3,174	900				
Italian	3	21,365	8,644	Total	391	2,095,599	1,994,487
Japanese	21	125,116	121,218				

[1] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[2] Includes 1 naval vessel of 5,210 tons displacement.

Traffic by Trade Routes, September 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated, hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	45	271,458	152,906	63	364,741	485,736
East coast United States and:						
Canada	1	4,764	.....	1	5,142	7,365
Central America	4	9,391	.....	5	17,105	5,187
South America	10	45,223	14,998	13	61,506	133,188
Balboa	1	6,550	2,500	.....	.....	.....
Hawaiian Islands	4	19,852	7,159	4	20,653	28,585
Australasia	6	40,728	29,587	.....	.....	.....
Philippine Islands	7	49,558	32,315	14	91,175	94,672
Far East	14	78,384	88,199	5	27,148	18,100
Canadian intercoastal	5	24,245	13,981	1	5,208	6,473
East coast Canada and:						
South America	3	18,683	3,124	4	27,599	56,295
Australasia	2	9,657	8,305	3	13,510	12,365
Central American intercoastal	1	5,144	8,570	.....	.....	.....
East coast Central America and:						
South America	1	2,310	.....	.....	.....	.....
Australasia	3	14,313	21,012	.....	.....	.....
South American intercoastal	8	20,541	26,024	1	2,603	1,293
East coast South America and:						
United States	1	5,011	4,617	1	4,842	3,440
Canada	3	13,824	14,701	.....	.....	.....
Far East	1	5,821	4,413	.....	.....	.....
Cristobal and:						
United States	1	5,773	.....	1	5,773	12,233
Central America	5	5,643	4,233	3	2,994	1,084
South America	5	3,596	1,074	9	6,521	6,206
West Indies and:						
United States	1	3,489	.....	1	4,155	8,241
Canada	3	13,702	.....	.....	.....	.....
South America	4	20,523	22,093	1	7,789	15,070
Far East	1	4,436	6,866	.....	.....	.....
Europe and:						
United States	8	44,137	6,450	10	52,570	74,215
Canada	24	140,032	43,038	27	153,544	200,326
Central America	.....	.....	.....	1	3,457	590
South America	13	88,997	24,828	16	104,349	172,228
Australasia	7	52,201	32,675	7	43,998	42,676
Hawaiian Islands	.....	.....	.....	1	4,477	10,081
Egypt and South America	1	4,621	.....	2	9,033	17,504
Foreign vessels in ballast (United States intercoastal)	1	4,639	.....	.....	.....	.....
Around the world	2	18,461	7,666	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[1] 1	.....	.....
Total	196	1,055,707	581,334	195	1,039,892	1,413,153

[1] One naval vessel.

Origin and Destination of Cargo by Major Areas, September 1935

The following table summarizes the origin of cargo passing through the Canal in September 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	166,183	10,754	118,858	11,212	29,587	336,594
Other North America	5,654	23,088	7,818	35,392	29,385	101,337
Europe	31,927	9,959	11	22,615	32,643	97,155
Miscellaneous	19,682	2,056	1,617	22,886	7	46,248
Total	223,446	45,857	128,304	92,105	91,622	581,334

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	486,034	31,983	160,398	1,583	679,998
Canada	11,349	6,619	108,110	179	126,257
Other North America	34,033	1,494	11,295	.....	46,822
South America	131,253	82,145	170,882	17,504	401,784
Australasia	2,844	9,650	42,658	.....	55,152
Asia	100,262	2,826	.....	52	103,140
Total	765,775	134,717	493,343	19,318	1,413,153

Principal Commodities

Commodities which aggregated 10,000 or more tons either during September 1935, or in September 1934 are listed below:

Commodity	September		Commodity	September	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Asphalt and tar	26,684	23,043	Copra	6,962	12,236
Automobiles and accessories	14,051	16,894	Flour	29,940	33,120
Canned goods, various	15,636	14,639	Fruit, dried	31,676	25,824
Chemicals	9,448	12,301	Fruit, fresh	10,581	17,353
Corn	16,533	8,292	Lumber	272,815	231,978
Cotton, raw	26,663	23,398	Metals, various	49,744	45,147
Iron and steel	67,313	88,236	Molasses and syrups	8,125	10,893
Oils, mineral	18,750	73,751	Nitrates	64,800	48,566
Paper	40,308	36,635	Oats	15,116	4,237
Phosphates	15,570	19,248	Oils, mineral	374,386	323,810
Scrap metal	94,344	45,340	Oils, vegetable	10,972	13,825
Sulphur	25,150	15,438	Ores (principally iron)	75,636	111,641
			Paper	12,834	8,031
Pacific to Atlantic			Soy beans	30,921	.....
Barley	35,372	38,809	Sugar	95,003	110,995
Beans	13,880	13,777	Wheat	115,008	52,515
Canned goods, various	124,579	117,029	Wood pulp	18,640	12,140
Cold storage (food products) [1]	6,007	16,768			

[1] Exclusive of fresh fruit.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of September 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	19	.....
Agricultural implements	647	84	2,859	84
Alfalfa meal	.....	1,100	.....	1,474
Ammonium compounds	47	.....	1,036	.....
Animal foods [1]	345	832	345	917
Apparel, wearing (hats, shoes, clothing, etc.)	139	.....	139	4
Asbestos	105	.....	427	.....
Asphalt and tar	421	74	23,043	174
Automobiles (and autotrucks)	1,139	78	11,920	85
Automobile parts and accessories	255	202	4,974	206

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Bags and bagging, textile	361	27	589	237
Bamboo and products				133
Bananas				6,638
Barks, miscellaneous	107	2	278	291
Barley		430	247	38,809
Beans, edible, dry	285	7,778	358	13,777
Beer	447		530	6
Beverages, nonalcoholic	207		220	
Blood and tankage			404	
Bones and bone meal		43	1,542	43
Books and printed matter	66		80	
Borax		1,267		6,730
Bran and pollards			3	356
Bricks and tile	288		492	
Camphor, crude				64
Canned and preserved goods:				
Fish	594	18,194	1,188	24,280
Fruit	1,558	34,985	1,710	70,713
Meat	269	413	1,381	980
Milk	24	323	351	536
Soup	4,723	402	5,167	502
Vegetables	1,563	8,274	1,596	8,811
Miscellaneous and unclassified	2,958	8,689	3,246	11,207
Carbon black	108		1,164	
Celite		782		807
Cement	223	13	5,819	343
Chalk		3	80	3
Charcoal	46		96	
Chemicals [1]	3,962	2,451	12,301	2,559
Clay, china and fire	749	241	782	270
Clay, filtering		271		271
Coal	915		1,828	
Cocoa and cacao beans	161		629	1,408
Coconuts and products [1]	95	1,373	119	2,987
Coffee	56	25	6,081	7,466
Coke			4,457	
Cold storage and refrigerated products:				
Dairy products	135	340	326	5,530
Eggs				69
Fish	103	250	198	646
Lard	110	887	253	1,348
Meats		34	124	8,107
Poultry		39		39
Vegetables				577
Other and unclassified	122	375	158	452
Confectionery	1,389		1,470	10
Copra			157	12,053
Copra meal and cake				183
Corn		10	8,292	10
Cotton, raw	14	186	23,398	6,787
Creosote			6,786	
Drugs and medicines	1,245	1	2,051	121
Dyes			375	
Earthenware	12		186	31
Eggs, dried				60
Electrical apparatus and appliances	562	70	1,157	152
Explosives		36	465	36
Extract, quebracho			498	
Fertilizers [1]	374	599	1,257	599
Fish, salted or dry-cured			4	4
Fish meal		1,388		2,378
Floor coverings	1,217	1,576	1,231	1,995
Flour	281	32,078	1,559	33,120
Fruit, dried		16,888	24	25,824
Fruit, fresh [1]	222	4,083	222	17,353
Furniture and household goods	636	518	684	519
Gallnuts				10
General	18,866	7,222	48,474	20,693
Glass and glassware	2,693	328	5,428	1,048
Glue	68	592	131	612
Grain [1]		447	5,008	502
Groceries	447	152	495	220
Guano				4,600
Gums		636		805
Hair, all kinds	296	53	298	261
Hay		494		560
Hemp, unmanufactured	65	153	68	2,137
Honey		312		503
Horns and hoofs			60	15
Infusorial earth		675	4	1,040

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	50,842	1,334	88,236	1,566
Ivory nuts	91	.....	313	1,873
Jute, unmanufactured	381	.....	535	15
Lard substitute	396	.....	396	.....
Lime	.....	.....	150	.....
Liquors	3,060	326	4,030	366
Lumber (including manufactured mill products)	2,135	145,404	2,883	231,978
Machinery	4,028	8,398	9,712	8,437
Malt	.....	8	233	8
Manufactured goods [1]	1,391	207	1,756	2,094
Marble and granite	153	.....	334	.....
Matches	266	41	447	49
Metals:				
Antimony	.....	.....	.....	80
Copper	432	13,222	2,793	29,747
Gold and silver	2	3	2	18
Iron	1,630	128	2,317	128
Lead	285	425	298	6,389
Tin	25	.....	30	2,320
Zinc	190	.....	209	6,349
Other and unclassified	23	98	144	116
Milk, powdered	69	565	122	632
Molasses and syrups	600	.....	800	10,893
Nitrates	2,000	.....	4,304	48,566
Nuts, edible (including meats)	83	280	592	1,887
Oats	86	3,280	140	4,237
Oils, mineral:				
Crude	.....	.....	244	175,077
Gas and fuel	36	7,535	36,410	27,435
Gasoline, benzine, and naphtha	26	73,909	17,578	112,591
Kerosene	.....	674	1,854	8,387
Lubricating and greases	6,469	278	17,637	320
Other and unclassified	16	.....	28	.....
Oils, vegetable:				
Coconut	.....	1,227	.....	4,855
Cottonseed	26	.....	134	1
Linseed	93	.....	233	.....
Olive	.....	50	153	50
Rapeseed	.....	.....	.....	496
Wood	28	11	28	3,596
Other and unclassified	324	55	695	4,827
Oil, fish	.....	.....	100	142
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	1,147	.....	1,516
Oilseed cake and meal	560	.....	560	3,232
Ores:				
Antimony	.....	.....	.....	191
Chrome	10	.....	10	.....
Copper	.....	.....	.....	4,763
Gold and silver	.....	.....	.....	3,600
Iron	18	.....	44	88,400
Lead	.....	.....	.....	345
Magnesite	.....	1,988	.....	1,988
Tin	.....	.....	190	2,415
Zinc	50	.....	50	1,056
Other and unclassified	141	52	4,207	8,883
Paints and varnishes	1,575	192	2,509	197
Paper and paper products [1]	8,582	7,144	36,175	7,931
Paper scrap	240	100	460	100
Peanuts	451	.....	451	109
Peas, dry	.....	224	.....	573
Peatmoss	5	.....	570	.....
Phosphates	1,405	.....	19,248	6,000
Plaster	.....	45	134	45
Porcelainware	311	637	616	5,463
Potash	.....	2,288	1,385	2,308
Pyrethrum flowers	.....	27	.....	651
Rags and waste	40	180	417	1,176
Railroad material	13	124	423	124
Rice	160	27	234	1,713
Rope and twine	192	18	238	55
Rosin	625	46	4,664	46
Rubber:				
Manufactured	527	110	1,749	222
Raw	10	.....	10	8,294
Scrap	.....	25	50	144
Rye	.....	369	.....	369
Salt	194	141	3,211	182
Sand	1,981	.....	3,961	44
Scrap metal	470	298	45,340	679

[1] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	83	1,359	405	1,827
Shells, oyster	485	.....	485	27
Silk, raw	.....	401	.....	4,889
Skins and hides	.....	3,243	495	5,964
Slate	897	.....	924	.....
Soaps and products	2,847	1,468	3,287	1,714
Soda and sodium compounds:				
Soda ash	418	.....	847	564
Soda, caustic	336	.....	883	.....
Miscellaneous and unclassified	.....	.....	.....	17
Soy beans	139	.....	200	.....
Sugar	23	17,119	2,380	110,995
Sulphur	8,517	.....	15,438	600
Talc	27	495	27	556
Tallow	.....	289	.....	805
Tea	.....	13	63	2,730
Textiles [2]	4,643	419	7,197	3,410
Tinplate	117	18	6,110	33
Tobacco and manufactures	920	120	3,543	223
Toilet preparations	574	.....	648	.....
Turpentine	36	.....	519	.....
Vegetables, dry [1]	.....	312	12	458
Wall board	157	258	776	1,220
Wax, paraffin	330	.....	1,245	220
Wheat	.....	14,429	61	52,515
Wines	1,123	2,697	1,795	2,997
Wood pulp	45	9,121	2,813	12,140
Wool	.....	2,855	64	6,730
Total, September 1935	166,183	486,034	581,334	1,413,153
Total, September 1934	174,289	675,751	574,734	1,568,098
Total, September 1933	199,673	561,095	457,254	1,338,286

[1] Except as otherwise classified. [2] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during September 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	23,251	.....	7	42,091	81,571
East coast United States and:						
Balboa	1	6,550	2,500	.....	.....	.....
Hawaiian Islands	1	4,293	.....	.....	.....	.....
Canadian intercoastal	1	5,209	[1] 6,691	.....	.....	.....
East coast Canada and South America	2	14,340	.....	4	27,599	56,295
Central American intercoastal	1	5,144	8,570	.....	.....	.....
South American intercoastal	2	10,327	21,912	.....	.....	.....
Cristobal and United States	1	5,773	.....	1	5,773	12,233
West Indies and:						
United States	.....	.....	.....	1	4,155	8,241
South America	3	17,717	22,093	1	7,789	15,070
Europe and:						
United States	3	20,842	.....	4	21,824	38,471
South America	4	29,212	.....	8	54,797	110,607
Hawaiian Islands	.....	.....	.....	1	4,477	[2] 10,081
Total	23	142,658	61,766	27	168,505	332,569

[1] Creosote. [2] Molasses.

Camparison of Canal Traffic in September 1935, with September Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of September			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	53	[1] 217	323	1915	[2] 100	361	466
1915	98	349	464	1916	60	199	258
1916	149	503	644	1917	145	483	588
1917	174	570	723	1918	165	547	627
1918	173	522	547	1919	162	510	576
1919	168	586	638	1920	199	712	781
1920	247	1,007	1,009	1921	232	950	966
1921	216	924	754	1922	222	951	907
1922	238	1,070	1,138	1923	325	1,550	1,631
1923	409	2,044	2,168	1924	429	2,179	2,249
1924	391	1,975	2,112	1925	382	1,904	1,996
1925	380	1,830	1,891	1926	424	2,064	2,169
1926	431	2,185	2,238	1927	441	2,184	2,311
1927	524	2,531	2,396	1928	521	2,453	2,468
1928	482	2,294	2,312	1929	524	2,485	2,554
1929	502	2,423	2,431	1930	502	2,497	2,502
1930	446	2,312	2,058	1931	447	2,314	2,089
1931	385	2,069	1,753	1932	364	1,968	1,650
1932	338	1,867	1,345	1933	347	1,900	1,513
1933	385	2,095	1,795	1934	436	2,379	2,059
1934	435	2,332	2,142	1935	432	2,317	2,109
1935	391	2,095	1,994	(3)	415	2,210	2,029

[1] Canal opened August 15, 1914. [2] Average for 10½ months. [3] Average 9 months of calendar year 1935.

Terminal Activities

Ships repaired during the month of September 1935 numbered 42, including 10 which were drydocked. Fuel oil in the quantity of 250,208 barrels was delivered as bunkers to 94 commercial ships. Bunker coal amounting to 3,846 tons was delivered to 12 commercial ships.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ....tons..	27,373	2,500	29,873
Local cargo arriving ....tons..	18,863	7,328	26,191
Local cargo shipped ....tons..	5,486	1,030	6,516
Cargo received for transshipment ....tons..	33,116	1,552	34,668
Cargo transshipped ....tons..	32,781	1,449	34,230
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	2	8
Number of releases issued	50	19	69
Tons received	147	8	155
Tons withdrawn	56	9	65

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	457	2,848,223	1,692,179	436	2,654,709	1,578,098
Vessels entering port but not transiting Canal	56	292,679	166,123	10	38,355	20,260
Vessels transiting Canal and handling passengers and cargo at terminal ports	130	885,730	513,657	89	637,026	349,505
Ships clearing						
All vessels, including those transiting Canal	462	2,850,814	1,692,658	429	2,604,054	1,545,749
Vessels clearing port but not transiting Canal	59	298,636	169,284	8	33,430	16,266
Vessels transiting Canal and handling passengers and cargo at terminal ports	133	891,653	517,026	87	609,056	335,233

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, September 15, 1935, to midnight, October 15, 1935. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Sekstant, 0, 921
Colombia, 0, 1,022
Trois Ilets, 0, 116
Manizales, 0, 58
Guayaquil, 0, 456
Reina del Pacifico, 0, 262
Caribia, 0, 838½
Quirigua, 27, 41
Nuevo Panama, 0, 73
Texas, 309, 0
President Pierce, 141, 0
Lochkatrine, 193, 67
Canadian Conqueror, 152, 82½
Bodegraven, 88, 94
Santa Paula, 166, ½
Yomachichi, 105, 0
Roda, 51, 0
Amapala, 108, 334
Envoy, 1, 0
Acajutla, 476½, 643
Santa Lucia, 459, 11
Aller, 30, 361
Karlander, 1,227, 0
Cristobal, 1,818, 553
President Wilson, 1, 0
Iris, 0, 19
Santa Maria, 270, 124½
Noto Maru, 0, 180
Peten, 155, 29
Belfast Maru, 415, 0
Sixaola, 434, 271
Aachen, 147, 315
Portland, 558, 125
Cerigo, 1,048, 284
Tacoma, 140, 430
Toloa, 433, 151½
Haiti, 157½, 1,051
Kwansai Maru, 1,065, 65
Simon Bolivar, 0, 494½
Loriga, 29, 5
Nuevo Panama, 244, 89
Trois Ilets, 305, 0
Peten, 10, 538½
Alkmaar, 177, 193
Nordstjernan, 129, 69
Santa Catalina, 1,421, 0
Velma Lykes, 166, 296
Santa Inez, 86, 133
Contessa, 105, 440
Delftdijk, 134, 24
Mayan, 431, 816½
Canadian Challenger, 0, 300
Arica, 105, 0
Abraham Lincoln, 194, 0
Noshiro Maru, 904, 0
Santa Barbara, 544, 296½
Lagarto, 17, 40
Hermonthis, 77, 399
Buenaventura, 1,291, 527
Manizales, 39, 223
Veragua, 101, 27
Pennsylvania, 0, 20
President Polk, 1, 0
Actor, 279, 0
Kongo Maru, 133, 0
Zacapa, 646, 231
Oregon, 476, 16
San Rafael, 262, 37½
Santa Catalina, 124, 873
Durazzo, 918, 0
Tai Ping Yang, 520, 0
Pasajero, 0, 9½
Pastores, 137, 875
Ulua, 425, 282
Nuevo Panama, 250, 213
West Notus, 47, 41
Emergency Aid, 0, 190
Gertrude Maersk, 58, 0
Drechtdijk, 29, 139
Antofagasta, 0, 1,304
San Diego, 582, 383
Elbe, 179, 274
Veragua, 26, 376½
President Lincoln, 174 88
Palatia, 53, 835
De la Salle, 104, 0
Wales Maru, 625, 0
De la Salle, 0, 159
Santa Rosa, 186, 0
Este, 247, 285
Amapala, 85, 238
Virgilio, 1, 556
Crynssen, 144, 3
Laurits Swenson, 1, 228
Santa Clara, 672, 261
Syra, 47, 68
Nako Maru, 0, 430
Argon, 10,000, 0
Nankai Maru, 783, 251
Ancon, 2,705, 672
Salvador, 429, 435
Lobos, 89, 2
Canadian Highlander, 3, 136½
Rhokotis, 99, 84
Tokai Maru, 0, 193
Santa Lucia, 302, 191
Iris, 498, 92½
Santa Paula, 0, 1
Quirigua, 156, 76
Wisconsin, 90, 548
Asuka Maru, 64, 0
Metapan, 627, 254
Chincha, 18, 205
Calamares, 587, 94
Colombia, 237, 1,028
Cali, 1,209, 64
Patricia, 122, 549
Marconi, 0, 316
Crynssen, 1, 573
Balboa, 0, 244
Trois, Ilets, 0, 36
Mayari, 62, 0
San Antonio, 29, 0
Osnabruck, 9, 673
Segundo, 220, 0
Nuevo Panama, 245, 70
Durazzo, 0, 213
Quirigua, 5, 533
Cordillera, 878, 20
Santa Monica, 1,364, 25
Santa Rita, 76, 199
Bennekom, 81, 169
Dilworth, 777, 0
Arizona, 1,597, 0
Erlangen, 352, 334
Contessa, 126, 370
Orazio, 87, 0
Cerigo, 583, 0
Punta Arenas, 216, 0
Orduna, 46, 93
Counsellor, 208, ½
Fella, 59, 0
Guayaquil, 1,857, 361
Cali, 26, 121
E.M. Tacit, 3, 0
Envoy, 2, ½
Peten, 148, 67
Santa Inez, 310, 40
California, 0, 2
Reina del Pacifico, 81, 38
Arizona, 149, 20
Santa Marta, 703, 185
Colombia, 215, ½
Sekstant, 68½, 603
Santa Monica, 199, 670
Democracy, 110, 0
Argentina, 788, 86
Toloa, 648, 162
Haiti, 27, 671
Nuevo Panama, 197, 129
Magdala, 12,180, 0
Elise M., ½, 0
Trois Islets, 358, 156
Colombie, 49, 0
Tillie Lykes, 37, 212
Peten, 48, 342
Europa, 35, 0
Oakland, 208, 208
Cordillera, 10, 735½
Maracay, 5,576, 0
San Jose, 5, 129
Bordeaux Maru, 630, 0
Washington, 420, 0
Santa Elena, 514, 12
Nebraska, 176, 0
Acajutla, 500, 0
Amapala, 133, 0
Baarn, 348, 349
Istmo, 0, 67
Magallanes, 142, 0

BALBOA

Santa Monica, 0, 52
Antigua, 924, 14
Santa Maria, 140, 0
Santa Paula, 201, 47
Sekstant, 0, 9
Bodegraven, 34, 248
Henderson, 84, 0
Santa Lucia, 25, 17
President Wilson, 10, 10
Santa Maria, 229, 72
Santa Elena, 149, 78
Talamanca, 702, 31
Santa Catalina, 0, 10
Grant, 232, 85
Republic, 341, 56
Santa Inez, 3, 0
Santa Barbara, 183, 7
President Polk, 18, 3
Pennsylvania, 27, 108
Tai Ping Wang, 253, 0
Turrialba, 0, 3
Mayan, 0, 8
Santa Catalina, 0, 76
Chateau Thierry, 20, 39
Santa Rosa, 256, 0
Indra, 80, 0
Santa Clara, 0, 30
President Pierce, 3, 0
Santa Paula, 147, 75
Santa Lucia, 326, 62
Plow City, 4,568, 0
Abangarez, 0, 1½
Ludington, 1,690, 228
St. Mihiel, 1,237, 179
Santa Monica, 73, 0
Sekstant, 363, 19
San Bruno, 0, 2
California, 66, 147
President Adams, 19, 0
Santa Inez, 109, 0
Wichita, 144, 0
Santa Monica, 0, 60
Santa Elena, 358, 0
Cathwood, 13, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,246; embarking, 1,908; at Balboa, 1,332 disembarking and 1,258 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,518; from the Pacific to the Atlantic, 3,010. Aircraft numbering 41 entered Cristobal, and 146 passengers disembarked; clearances were 37, with 121 passengers embarking; at Balboa entries of aircraft were 27, with 61 passengers disembarking; clearances, 27, with 17 passengers embarking.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight September 15, 1935, to midnight October 15, 1935

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Reina del Pacifico.[2]	15	16	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,867
Steelore	15	16	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Olivebank[2]	15	17	Brit.	Eagle Oil Co.	Tampico, Mexico	Hobart, Tasm'ia.	Asphalt	7,010
Kinai Maru[2]	16	16	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	6,790
Lena Luckenbach.	16	16	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,525
Trois Ilets	14	16	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	General	106
Sekstant	12	16	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	953
Cali	7	16	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	303
Leticia[3]	16	...	Pan.	A. Tagaropulos	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Chattanooga City	16	16	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Belawan, Deli, Su.	([14])	4,500
Texas	16	17	Amer.	States S.S. Co.	New York, N.Y.	Tacoma, Wash.	General	4,752
Nuevo Panama[2]	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	90
Lochkatrine[2]	16	17	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B.C.	General	1,033
Bodegraven	16	17	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	1,511
Everleigh	17	17	Brit.	Anglo-Can. S.S. Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Bessemer City	17	17	Amer.	Isthmian S.S. Lines	Swansea, England	Vancouver, B.C.	General	7,009
Nevadan	17	17	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Seattle, Wash.	General	2,027
Canadian Conqueror.	16	17	Brit.	Can. Nat. Steamships.	Montreal, Canada	Sydney, Aust'lia.	([15])	4,109
Henderson[8]	17	20	Amer.	U.S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	600
Fresno Star	17	18	Brit.	James Dowie & Co.	Liverpool, Eng.	Pt. Chal'ers, N.Z.	General	7,311
Elise[1] [2]	18	18	Nor.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	.....
Athelviking[1] [2]	17	18	Brit.	Nissho Co.	Falmouth, Eng.	Estero Bay, Calif.	Ballast	.....
Danmark[1] [2]	18	18	Dan.	Standard Oil Co.	N. Shields, Eng.	Talara, Peru	Ballast	.....
Polzella	18	18	Brit.	Mersey Paper Co.	Liverpool, N.S.	Adelaide, Aust'lia	Paper	4,270
Manley[9]	18	...	Amer.	U.S. Navy	Norfolk, Va.	Balboa, C.Z.	Ballast	.....
Vinga[1] [2]	18	18	Nor.	Dom. Tar & Chem. Co.	Montreal, Canada	Vancouver, B.C.	Creosote	6,691
Aller	18	18	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile	General	5,570
Sambu[2]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real[2]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Wilson	19	20	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Autos, gen.	2,852
Santa Maria[1]	17	19	Amer.	Union Oil Co.	Cristobal, C.Z.	Los Angeles, Cal.	Ballast	.....
Lillian Luckenbach.	19	19	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,643
Warlaby	19	19	Brit.	Anglo-Can. S.S. Co.	Montreal, Canada	Brit. Columbia	Ballast	.....
Trontolite[1] [2]	19	19	Brit.	Imperial Oil Co.	Halifax, N.S.	Talara, Peru	Ballast	.....
Iris	19	20	Neth.	Royal Neth. S.S. Co.	Cartagena, Col.	Guayaquil, Ecua.	General	94
Pirate[3]	19	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.[16]	.....	.....
Akaroa	19	20	Brit.	Shaw, Savill & Albion	London, England	Wellington, N.Z.	General	2,430
Santa Maria[2]	19	21	Amer.	Grace Line	New York, N.Y.	San Antonio, Chile	General	2,646
Alamar	20	20	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	General, steel	6,327
Santa Elena	20	21	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Coffee, gen.	2,851
Noto Maru[2]	19	20	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	3,198
Norman Star	20	20	Brit.	Blue Star Line	Liverpool, Eng.	Seattle, Wash.	Ballast	.....
Retriever[13]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Heinrich V. Reidemann.[1] [2]	20	21	Pan.	W. Tankschiff Rhed'i.	Havre, France	Talara, Peru	Ballast	.....
Ferndale[2]	21	21	Nor.	Fearnley & Eger	Gulf ports	Moji, Japan	Scrap steel	6,804
Port Chalmers[2]	21	21	Brit.	Com'lth & Dom. Line	London, England	Napier, N.Z.	([17])	7,020
Portland[2]	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Portland, Oreg.	General	5,911
San Benito	21	21	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'lles, R.P.	Ballast	.....
Chilore	21	21	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	.....	.....
Thurland Castle[2]	21	21	Brit.	Barber Line	New York, N.Y.	Yokohama, Japan	([18])	5,183
Alaskan	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,774
Hardanger	21	21	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B.C.	([19])	4,767
Point Brava	21	22	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	([20])	3,659
Niel Maersk[2]	22	22	Dan.	Isbrandtsen Moller Co.	Boston, Mass.	Iloilo, P.I.	General	5,960
Paula	22	22	Dan.	West Coast Line	New York, N.Y.	Talcahuano, Chile	General	752
Acajutla	17	22	Brit.	Pacific Steam Nav. Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	643
Cerigo	20	22	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	284
Getsuyo Maru[2]	22	22	Jap.	Mitsui Bussan Kaisha.	Port Tampa, Fla.	Kobe, Japan	Nitrate, rosin	7,928
Georgian	22	22	Amer.	Williams S.S. Co.	N. London, Conn.	Seattle, Wash.	Coal, general	2,870
Sambu[2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Tuira[2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real[2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
El Sona[2]	21	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	Gen., mules	30
Pirate[3]	22	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.[16]	.....	.....
La Plata Maru[2]	23	23	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	4,413
Nuevo Panama[2]	22	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	80
Norfolk Maru	22	23	Jap.	Kawasaki K. Kaisha.	New York, N.Y.	Kobe, Japan	([21])	7,390
Steel Voyager	23	23	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Hilo, T.H.	General	2,329
California Standard.[1] [2]	22	23	Amer.	Anglo-Amer. Oil Co.	London, England	Los Angeles, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [8] Transport. [9] Destroyer. [13] Crane. [14] Steel, tinplate, general. [15] Paper, automobiles, general. [16] For bananas and return to Cristobal, C.Z. [17] Explosives, general. [18] Scrap iron, general. [19] Corn, coffee, general. [20] Steel, liquor, machinery, general. [21] Phosphate, cotton.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Grant [8]	23	24	Amer.	U.S. Army	Brooklyn, N.Y.	S. Francisco, Cal.	General	175
Richmond [4]	22	24	Amer.	Calif. Towing Co.	Pensacola, Fla.	S. Francisco, Cal.	Ballast	.....
Nordstjernan [2]	23	23	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B.C.	General	4,387
Baron Lovat	23	24	Brit.	Consejico Agricole	Habana, Cuba	Petache, Chile	Ballast	.....
New Orleans	23	24	Amer.	Roosevelt S.S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	General	3,543
Chr. Knudsen [2]	23	24	Nor.	Anglo-Can. S.S. Co.	Habana, Cuba	Vancouver, B.C.	Ballast	.....
Belpamela [2]	24	24	Nor.	Christen Smith	Castilla, Hond.	Taltal, Chile	Ballast	.....
Memphis City	23	24	Amer.	Isthmian S.S. Lines	Portland, Me.	Tacoma, Wash.	General	3,554
Laura	24	24	Dan.	T. Lauritzen	Cardiff, England.	Seattle, Wash.	Ballast	.....
Hawaiian	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,329
City of Tokio	24	24	Brit.	Ellerman & Bucknall.	Liverpool, Eng.	Melbourne, Au'lia	General	4,976
J-10 [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Nestos	24	25	Greek.	S. Livanos & Co.	Mobile, Ala.	Chicama, Peru	Ballast	.....
Point Bonita	24	25	Amer.	Gulf-Pacific Line	Tampa, Fla.	Seattle, Wash.	Steel, gen.	2,791
Defacto	24	25	Amer.	McCormick S.S. Co.	New York, N.Y.	S. Francisco, Cal.	General	4,779
Delftdijk [2]	24	25	Neth.	N. Pacific Coast Line.	Rotterdam, Neth.	Portland, Oreg.	General	1,047
King Arthur [2]	24	25	Brit.	J. J. Moore	Cardiff, England.	Los Angeles, Cal.	Ballast	.....
Marie Bakke [2]	25	25	Nor.	Knut Knutsen, O.A.S.	Alexandria, Egypt	Tocopilla, Chile	Ballast	.....
Hanley	25	25	Amer.	Pac. Coast Dir. Line	New York, N.Y.	Tacoma, Wash.	([13])	4,927
Abraham Lincoln [2]	25	25	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B.C.	General	588
Kishacoquillas [4]	25	26	Amer.	U.S. Tankship Corp.	New Orleans, La.	Honolulu, T.H.	Ballast	.....
K. I. Luckenbach	26	26	Amer.	Luckenbach Line	New York, N.Y.	Seattle, Wash.	General	3,274
Sunoil [1] [2]	26	26	Amer.	Sun Oil Co.	Chester, Pa.	El Segundo, Cal.	Ballast	.....
President Polk	27	27	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	([14])	3,977
King Malcolm [2]	26	27	Brit.	Eagle Oil Co.	Tampico, Mexico	Auckland, N.Z.	Asphalt	7,966
Pennsylvania	27	28	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	3,101
Lagarto [2]	26	27	Brit.	Pacific Steam Nav. Co.	Hull, England	Coronel, Chile	General	3,041
Hermonthis [2]	26	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	4,794
Franklin K. Lane [1]	26	27	Amer.	Standard Ship. Co.	Caripito, Venez.	S. Antonio, Chile.	Fuel oil	9,866
Ward [2]	27	27	Amer.	Roosevelt S.S. Co.	Baltimore, Md.	Hongkong, China.	General	2,849
Orotava	27	27	Hond.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R.P.	Ballast	.....
Aurora [2]	27	27	Swed.	West Indian Trad. Co.	New Orleans, La.	Osaka, Japan	Cotton	4,900
Santa Barbara [2]	26	28	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,029
Friesland [2]	27	27	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Kobe, Japan	([15])	8,826
Herman Frasch	27	28	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulphur	6,400
Swainby	27	27	Brit.	Anglo-Can. S.S. Co.	Kingston, Jam.	Brit. Columbia	Ballast	.....
Winslow [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towing barge	.....
San Rafael	27	28	Amer.	States S.S. Co.	Albany, N.Y.	Tacoma, Wash.	General	3,646
Oregon	27	28	Amer.	States S.S. Co.	Jacksonville, Fla.	San Diego, Calif.	General	4,973
Mercury Sun [1] [2]	27	28	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Koranton	28	28	Brit.	R. Chapman & Son	Pt. Royal, Jam.	Vancouver, B.C.	Ballast	.....
Winkleigh	28	28	Brit.	Anglo-Can. S.S. Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Turrialba	28	28	Amer.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Minnesotan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,687
Mayan	24	29	Amer.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	813
Santa Catalina [2]	27	29	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	909
Manizales	26	29	Ger.	North German Lloyd.	Santa Marta, Col.	Guayaquil, Ecua.	Coffee, gen.	548
PacificCommerce [2]	29	29	Brit.	Canadian Transp. Co.	Montreal, Can.	Vancouver, B.C.	General	7,290
West Notus	28	29	Amer.	McCormick S.S. Co.	Buenos Aires, Arg.	Vancouver, B.C.	General	4,750
Lewis Luckenbach	29	29	Amer.	Luckenbach Line	Newp't News, Va.	Seattle, Wash.	Nitrates, gen.	2,774
Elbe [2]	29	30	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B.C.	General	6,423
Rossington Court.	29	30	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Edgar F. Luckenbach.	30	30	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,300
Heranger [2]	30	30	Nor.	Interocean S.S. Co.	Rotterdam, Neth.	Vancouver, B.C.	Passengers	.....
Forthbank	30	30	Brit.	Bank Line, Ltd.	Empedocle, Switz.	Kembla, Aust'lia.	Sulphur	6,900
Chateau Thierry [8]	30	1	Amer.	U.S. Army	New York, N.Y.	Honolulu, T.H.	General	518
Cumberland	30	1	Brit.	FederalSteamNav.Co.	Falmouth, Eng.	Frem'tle, Aust'lia	General	6,423
Antofagasta	29	30	Chile.	Comp.ChileNav.Inter.	New York, N.Y.	Valparaiso, Chile.	Sugar, mach.	4,052
Nuevo Panama [2]	28	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	200
York City	30	1	Brit.	Sir W. R. Smith & Son	Mobile, Ala.	Seikoshin, Japan.	([16])	8,392
Vancouver City [2]	30	1	Brit.	Soviet Government	Lening'd, U.S.S.R	Tacoma, Wash.	Gold ore	8,500
Texmar	30	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,740
Pacific Ranger [2]	1	1	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	1,242
Port Hunter	1	2	Brit.	Com'lth & Dom. Line	Glasgow, Scot.	N.Plymouth, N.Z.	General	9,395
California Express. [2]	1	2	Nor.	Fruit Express Line	Cardiff, England.	N. West'er, B.C.	Ballast	.....
Gen. M. H. Sherman.	2	2	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T.H.	General	1,109
Marion Otis-Chandler.	2	2	Amer.	Arrow Line	Baltimore, Md.	S. Francisco, Cal.	Gen., steel	2,705
Montanan	2	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,550
Deroche [1]	2	3	Amer.	Union Oil Co.	Paulsboro, N.J.	Los Angeles, Cal.	Ballast	.....
Nako Maru [2]	2	2	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Dairen, China	([17])	5,355
El Sona [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Pierce	3	4	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Mach., gen.	3,101
W. M. Delphia [3]	2	4	Hond.	W. S. McNab	Castilla, Hond.	Amapala, Hond.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [13] Steel, oil, general. [14] Chemical, general. [15] Cotton, phosphate rock. [16] Cotton, phosphate. [17] Scrap, lubricating oil, tinplate, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Silverwalnut [2]	2	4	Brit.	Ker S.S. Co.	Philadelphia, Pa.	Hongkong, China	General	3,271
Kiyosumi Maru [2]	2	4	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Kobe, Japan	Cotton,mach	7,586
Rangitiki [2]	2	4	Brit.	N.Z. Shipping Co.	London, England	Wellington, N.Z.	General	3,737
Celtic Star	2	3	Brit.	Blue Star Line	Barry, England	Vancouver, B.C.	Ballast	.....
Tokai Maru [2]	3	3	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Moji, Japan	General	6,346
Pirate [3]	...	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [13]	.....	.....
Winslow [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Ped. Miguel, C.Z.	Ballast	.....
Temple Bar	3	4	Brit.	Temple S.S. Co.	Boston, Mass.	Arica, Chile	Ballast	.....
William Luckenbach.	3	4	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,638
Ryoyo Maru [2]	3	4	Jap.	Kawasaki K. Kaisha	Tampa, Fla.	Seikoshin, Japan.	Phosphate	7,755
Steel Mariner	4	4	Amer.	Isthmian S.S. Lines	Portland, Me.	Seattle, Wash.	General	4,912
Wisconsin	4	4	Fr.	French Line	Havre, France	Vancouver, B.C.	(14)	3,628
Point Reyes	4	4	Amer.	Swayne & Hoyt	New Orleans, La.	Portland, Oreg.	General	3,591
Santa Lucia	3	5	Amer.	Grace Line	New York, N.Y.	S. Antonio, Chile.	Steel, gen.	2,301
William A. McKenney.	4	4	Amer.	McCormick S.S. Co.	New York, N.Y.	Wilmington, Cal.	General	4,104
Santa Paula	4	5	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	General	3,427
Tigre [2]	4	5	Nor.	Anglo-Can. S.S. Co.	Newp't News, Va.	Portland, Oreg.	Ballast	.....
Svealand [2]	4	5	Swed.	Ore S.S. Corp.	Sparrows Pt., Md.	Cruz Gr'de, Chile	Ballast	.....
Abangarez	4	5	Amer.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Talaralite [1]	5	5	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	1,907
Heffron	5	5	Amer.	Pac. Coast Dir. Line	New York, N.Y.	Seattle, Wash.	Steel, gen.	4,212
Frederika Lensen.	5	5	Brit.	Anglo-Can. S.S. Co.	Newp't News, Va.	Williams Hd., B.C.	Ballast	.....
Nariva	5	5	Brit.	Royal Mail Lines	Liverpool, Eng.	Vancouver, B.C.	Ballast	.....
Anna Maersk [2]	5	5	Dan.	A. P. Moller	Boston, Mass.	Manila, P.I.	General	4,068
Moldanger [2]	5	5	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	General	23
Sacramento Valley	5	5	Brit.	Sir W. R. Smith & Son	Baltimore, Md.	Vancouver, B.C.	Ballast	.....
Cutter	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Patricia [2]	5	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	(15)	4,731
Cressington Court. [2]	5	6	Brit.	Canadian Transp. Co.	S. Shileds, Eng.	Vancouver, B.C.	Salt	2,000
Hakonesan Maru [2]	5	6	Jap.	Mitsui & Co.	New York, N.Y.	Japan	(16)	7,026
Sage Brush	6	8	Amer.	Shepard S.S. Co.	Albany, N.Y.	Tacoma, Wash.	General	2,267
Trois Ilets	6	6	Fr.	French Line	Cartagena, Col.	B'ventura, Col.	General	36
Chincha	6	6	Amer.	Grace Line	Baltimore, Md.	Talcahuano, Chile	General	1,869
Point Chico	6	6	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,417
Moveria [2]	6	6	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B.C.	General	1,069
George M. Embiricos.	6	6	Greek.	Canadian Transp. Co.	New Orleans, La.	Vancouver, B.C.	Ballast	.....
Lindenbank	6	7	Brit.	Andrew Weir & Co.	Galveston, Tex.	Frem'tle, Aus'lia.	(17)	8,398
El Sona [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	30
Sambu [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	25
Tuira [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	40
Segundo [2]	6	7	Nor.	Wessel, Duval & Co.	New York, N.Y.	S. Antonio, Chile.	General	3,836
Hull, No. 350 [9]	7	10	Amer.	U.S. Navy	New York, N.Y.	San Diego, Calif.	Ballast	.....
Aylwin, No. 355 [9]	7	10	Amer.	U.S. Navy	New York, N.Y.	San Diego, Calif.	Ballast	.....
San Antonio	6	7	Fr.	French Line	Havre, France	Vancouver, B.C.	(18)	5,666
Nuevo Panama [2]	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	95
Marconi [2]	5	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	140
King John [2]	7	7	Brit.	Dodd, Thomson & Co.	Nuevitas, Cuba.	Vancouver, B.C.	Ballast	.....
Taranger [2]	7	7	Nor.	Interocean S.S. Co.	Rotterdam, Neth.	Vancouver, B.C.	Passengers	.....
Aldington Court [2]	7	7	Brit.	Canadian Transp. Co.	London, England	Vancouver, B.C.	Ballast	.....
Osnabruck [2]	6	7	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	6,209
Durazzo	28	7	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	214
St. Mihiel [8]	7	...	Amer.	U.S. Army	Brooklyn, N.Y.	Balboa, C.Z.	General	607
Salvador	2	8	Brit.	Pacific Steam Nav.Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	436
Willmoto [2]	7	8	Amer.	Williams S.S. Co.	N. London, Conn.	Seattle, Wash.	General	3,035
Tai Shan [2]	7	8	Pan.	Wilhelmsen Line	New York, N.Y.	Yawata, Japan	(19)	7,056
Maron [2]	8	8	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Shanghai, China	General	2,259
San Ubaldo [1]	8	8	Brit.	Eagle Oil & Ship. Co.	Pt. Mexico, Mex.	Valparaiso, Chile.	(20)	7,532
Marore	8	8	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Bennekom	8	8	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	2,029
Winslow [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towing barge	.....
Chamita [5]	...	...	Amer.	J. A. Cummins	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Orazio [2]	8	9	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	426
Arizona [1]	8	9	Amer.	The Texas Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	(21)	5,678
Nebraskan	8	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	4,659
Amerikaland [2]	9	9	Swed.	Ore S.S. Corp.	New York, N.Y.	Cruz Gr'de, Chile	Ballast	.....
Dilworth [1]	8	9	Amer.	Shell Eastern Pet. Co.	PerthAmboy, N.J.	Los Angeles, Cal.	Ballast	.....
Enoch [3]	9	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [13]	.....	.....
Umberleigh	9	10	Brit.	Anglo-Can. S.S. Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Losmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,681
San Bruno	10	10	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P.	Ballast	.....
Susan V. Luckenbach.	10	10	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,393
J.A.Mowinckel [1] [2]	10	10	Pan.	W. Tankschiff Rhed'i.	Belfast, Ireland	Talara, Peru	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] For bananas and return to Cristobal, C.Z. [14] Steel bars, general, etc. [15] Cement, iron, general. [16] Phosphate rock, general. [17] Asphalt, sulphur, etc. [18] Coke, sand, general, etc. [19] Scrap iron, general. [20] Fuel oil, asphalt. [21] Refined oil and petroleum products.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Orduna	10	10	Brit.	Pacific Steam Nav.Co.	Liverpool, Eng.	Talcahuano,Chile	General	2,498
Hoegh Merchant [2]	10	10	Nor.	Kawasaki K. Kaisha.	New York, N.Y.	Kobe, Japan	Cotton, gen.	5,799
President Adams	11	11	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	4,593
California	11	12	Amer.	Panama-Pacific Line.	New York, N.Y.	S. Francisco, Cal.	General	3,504
Fella [2]	10	11	Ital.	Nav. Libera Triestina	Trieste, Italy	Vancouver, B.C.	General	1,602
Slemmestad [2]	10	11	Nor.	Fern Line	New Orleans, La.	Japan	General	7,197
Infanta [6]	11	12	Amer.	John Barrymore	Miami, Fla.	Los Angeles, Cal.	Ballast	.....
Port Campbell	10	11	Brit.	Com'lth & Dom. Line	Liverpool, Eng.	Brisbane, Aus'lia.	([15])	3,244
King Frederick	11	11	Brit.	Eagle Oil Co	Tampico, Mex.	Adelaide, Aus'lia.	Asphalt	6,217
Santa Inez [2]	11	12	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,738
Arizona	11	11	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	148
Washington Express. [2]	10	12	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	.....
Jersey City	11	12	Brit.	Mitsubishi Shoji K.	New Orleans, La.	Yawata, Japan	Scrap steel	8,609
President Herrenschmidt. [1] [2]	11	12	Nor.	Pechelbroon	Donges, France	Talara, Peru	Ballast	.....
American Eagle	12	12	Amer.	Freeport Sulphur Co.	Pt. Sulphur, La.	Los Angeles, Cal.	Sulphur	6,400
Iris	3	12	Neth.	Royal Neth. S.S. Co.	Cristobal, C.Z.	Guayaquil, Ecua.	General	82
Democracy	12	12	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	4,544
Liberator	12	12	Amer.	Lykes Bros.-Ripley	Tampa, Fla.	Cebu, P.I.	Cotton, gen.	6,509
Argentina [2]	12	12	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	General	3,111
Corsair [5]	...	...	Amer.	George Herman	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Santa Monica [2]	11	13	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	676
Sekstant	11	13	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	602
Franz Klasen [1] [2]	12	13	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	.....
Trentbank	12	13	Brit.	Mersey Paper Co	Liverpool, Eng.	Melbourne,Au'lia	Paper	4,057
Cali	10	13	Ger.	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	General	142
Ontariolite [1] [2]	13	13	Brit.	Imperial Oil Co	Halifax, N.S.	Talara, Peru	Ballast	.....
Willboro	13	13	Amer.	Williams S.S. Co	Boston, Mass.	Portland, Oreg.	General	3,703
Nuevo Panama [2]	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	100
Rotorua	14	14	Brit.	N.Z. Shipping Co	London, England	Bluff, N.Z.	General	9,353
Thirlby	13	14	Brit.	Anglo-Can. S.S. Co.	Norfolk, Va.	Vancouver, B.C.	Ballast	.....
Gaelic Star	14	14	Brit.	Blue Star Line	Liverpool, Eng.	N. West'er, B.C.	Ballast	.....
Lossiebank [2]	14	14	Brit.	Bank Line, Ltd.	Baltimore, Md.	Shanghai, China	General	2,100
Steel Navigator	14	14	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Manila, P.I.	Iron, gen.	2,978
Europa [2]	14	14	Dan.	East Asiatic Co	Copenhagen,Den.	Vancouver, B.C.	General	298
Pacific Reliance [2]	14	14	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	570
M.C. No. 1 [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
Viking [6]	14	17	Amer.	George F. Baker	Miami, Fla.	Valparaiso, Chile.	Ballast	.....
Onondaga	15	15	Amer.	Ford Motor Co.	Chester, Pa.	Richmond, Calif.	Auto. parts	2,420
Oakland [2]	14	15	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	4,735
San Jose	14	15	Fr.	French Line	Antwerp, Belg.	Vancouver, B.C.	General	5,973
Spencer Kellogg [1]	14	15	Amer.	Standard Oil Co	Aruba, D.W.I.	Guayaquil, Ecua.	Fuel oil	6,575
Pomona	14	15	Amer.	Pac. Coast Dir. Line	New York, N.Y.	Seattle, Wash.	General	6,712
West Cactus	15	15	Amer.	McCormick S.S. Co.	New York, N.Y.	Seattle, Wash.	General	3,989
Trois Ilets	12	15	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	General	137
Daleby	15	15	Brit.	Sir R. Ropner & Son.	Norfolk, Va.	Vancouver, B.C.	Ballast	.....
Claxton [9]	15	...	Amer.	U.S. Navy	High seas	Balboa, C.Z.	Ballast	.....
Limerick [2]	14	16	Brit.	Union Co., N.Z.	Falmouth, Eng.	Auckland, N.Z.	Ballast	.....
Istmo	15	15	Pan.	Elliot Ship. & Land Co.	Cartagena, Col.	B'ventura, Col.	Salt	430
Steel Inventor	15	15	Amer.	Isthmian S.S. Lines	New York, N.Y.	Vancouver, B.C.	Steel, gen.	6,095
Maracay [1]	14	...	Brit.	Standard Oil Co	Aruba, D.W.I.	Balboa, C.Z.	Drydocking	.....
W. R. Keever	15	15	Amer.	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,500
Cape Horn [2]	15	15	Brit.	Lyle Shipping Co	Alexandria,Egypt	Chile	Ballast	.....
Arizonan	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,379
Capt. Harry [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
American Eagle	15	16	Amer.	Pac. Cont'l Grain Co.	Vancouver, B.C.	Gulf coast [14]	Wheat	6,550
Nuevo Panama [2]	16	17	Pan.	Elliot Ship. & Land Co.	PanamaCity,R.P.	Cristobal, C.Z.	Ballast	.....
Saramacca	15	16	Amer.	United Fruit Co	Pto. Arm'les, R.P.	Boston, Mass.	Bananas	800
President Pierce	16	17	Amer.	Dollar Line	S. Francisco, Cal.	New York, N.Y.	General	5,094
Californian	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	9,590
No. 4610 [13]	16	...	Amer.	Simon Williamson	Balboa, C.Z.	Cristobal, C.Z.	Ballast	.....
Santa Paula	16	17	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,887
Roda [2]	16	17	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	6,247
Real [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	21
Sambu [2]	17	18	Pan.	A. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	32
Steel Age	16	17	Amer.	Isthmian S.S. Lines	Hawaiian Islands	New York, N.Y.	([16])	6,051
Santa Maria [1]	16	19	Amer.	Union Oil Co	Los Angeles, Cal.	Cristobal, C.Z.	([17])	12,233
San Domingo	16	17	Amer.	Quaker Line	Los Angeles, Cal.	Bridgeport,Conn.	Lumber, gen.	5,776
Meton [1]	16	17	Amer.	Shell Eastern Pet. Co.	Los Angeles, Cal.	Fall River, Mass.	Gasoline	9,252
Acajutla	17	22	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	475
Paul Luckenbach	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,012
President de Vogue. [1] [2]	17	17	Nor.	Cie. des Produits Chemiques.	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,541

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [9] Destroyer. [13] Cayuco. [14] For orders. [15] Oil, automobiles, general. [16] Sugar, canned fruit. [17] Petroleum products.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Yomachichi [2]	16	18	Amer.	Roosevelt S.S. Co.	Manila, P.I.	New York, N.Y.	Sugar, gen.	6,840
Svealand [2]	17	18	Swed.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Ancylus [1] [2]	18	18	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [15]	Benzine	11,364
Pacific Grove [2]	17	18	Brit.	Furness, Withy & Co.	Vancouver, B.C.	Glasgow, Scot.	General	8,932
Nordfarer [2]	18	18	Dan.	West Indian Trad. Co.	N. West'er, B.C.	London, England	Lumber	6,940
San Gabriel	18	18	Amer.	Pac.-Atlantic S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	6,523
Santa Lucia	18	19	Amer.	Grace Line	San Antonio, Chile	New York, N.Y.	Coffee, gen.	4,335
Panaman	18	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,264
Hegira	18	19	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Pt. Newark, N.J.	Lumber, gen.	10,900
Aachen	19	21	Ger.	North German Lloyd.	Magallanes, Chile	Bremen, Germany	General	8,083
Belfast Maru	19	20	Jap.	Kawasaki K. Kaisha.	Dairen, China	New York, N.Y.	Raw silk, gen	2,288
Nordhavet [2]	19	20	Dan.	West Indian Trad. Co.	Taltal, Chile	New York, N.Y.	Copper, oil	8,000
Wind Rush	19	20	Amer.	Shepard S.S. Co.	Los Angeles, Cal.	Albany, N.Y.	Lumber, gen.	7,491
Luceric	20	20	Brit.	Bank Line, Ltd.	Tocopilla, Chile	Alexandria, Egypt	Nitrates	10,004
Weirbank [2]	20	21	Brit.	Bank Line, Ltd.	Fiji Islands	Lands End [15]	Raw sugar	8,208
Cerigo	20	22	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	975
Antigua	20	20	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,440
Point Montara	20	20	Amer.	Gulf-Pacific Line	Seattle, Wash.	Lake Charles, La.	General	4,804
H.M.S. Danae [12]	20	24	Brit.	Royal Navy	San Diego, Calif.	Kingston, Jam.	.....	5,210
Tacoma [2]	21	22	Ger.	Hamburg-Amer. Line.	S. Francisco, Cal.	Hamburg, Ger.	General	7,407
Real [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	40
Sona [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	33
Ville de Verdun	21	22	Fr.	Messageries Marit'es.	Noumea, N.Caled	Marseille, France	General	5,097
Themoni	21	21	Greek.	Lumber Sales Co.	Victoria, B.C.	Glasgow, Scot.	Lumber	5,450
Tuira [2]	21	22	Pan.	Hans Elliot	Darien, R.P.	Cristobal, C.Z.	Bananas	51
Sambu [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	18
Kwansai Maru [2]	21	22	Jap.	Osaka Shosen Kaisha.	Manila, P.I.	Baltimore, Md.	General	6,032
Welsh City	21	21	Brit.	Berth Loading Owners	S. Francisco, Cal.	London, England	General	8,007
Amerikaland [2]	21	22	Swed.	Ore S.S. Corp.	Cruz Gr'de, Chile	New York, N.Y.	Iron ore	22,200
Loriga [2]	21	22	Brit.	Pacific Steam Nav.Co.	Coronel, Chile	Hull, England	Nitrate, gen.	8,343
Trois Ilets	21	24	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	273
Point Palmas	22	22	Amer.	Swayne & Hoyt	Seattle, Wash.	Corpus Ch'ti, Tex.	Lumber, gen.	6,813
Nuevo Panama [2]	22	23	Pan.	Elliot Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	222
Barfonn [1] [2]	22	22	Nor.	Standard Ship. Co.	Talara, Peru	Havre, France	Crude oil	14,247
Helen [5]	22	...	Amer.	C. B. Hummer	Balboa, C.Z.	Gatun Lake, C.Z.	Ballast	.....
Sea Dog [5]	22	...	Amer.	D. W. Tedder	Balboa, C.Z.	Gatun Lake, C.Z.	Ballast	.....
Taylor No. 94 [9]	23	23	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Hannibal [13]	23	23	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
YP 41 [14]	23	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
YP 42 [14]	23	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Dorothy Luckenbach.	22	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,521
Alkmaar	22	24	Neth.	Royal Neth. S.S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	10,808
California	23	23	Amer.	States S.S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,051
Santa Catalina [2]	23	24	Amer.	Grace Line	Pisco, Peru	Pto. Colombia	Coffee, gen.	1,293
Trondanger [2]	23	23	Nor.	Interocean Line	Vancouver, B.C.	Rotterdam, Neth.	([16])	7,331
Gracia	23	23	Brit.	Donaldson Brothers.	Vancouver, B.C.	Glasgow, Scot.	General	6,130
Ontariolite [1] [2]	23	23	Brit.	Imperial Oil Co.	Cabo Bl'co, Peru	Halifax, N.S.	Crude oil	12,223
Retriever [3]	23	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
California	23	24	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	7,653
C. O. Stillman [1] [2]	23	24	Brit.	International Pet. Co.	Talara, Peru	Halifax, N.S.	Crude oil	21,462
Mayan	24	29	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	370
Nicoline Maersk [2]	24	24	Dan.	Isbrandtsen Moller Co.	Manila, P.I.	New Orleans, La.	Raw sugar	7,000
Santa Inez [2]	24	24	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	2,933
Chickasaw City	24	24	Amer.	Isthmian S.S. Lines.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	8,269
Missourian [2]	24	24	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	10,086
San Benito	24	24	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Boston, Mass.	Bananas	927
Jane Christenson	24	25	Amer.	McCormick S.S. Co.	Pt. Town'd, Wash.	Philadelphia, Pa.	Lumber, gen.	7,533
C. A. Canfield [1]	24	24	Amer.	Standard Ship. Co.	Los Angeles, Cal.	San Juan, P.R.	Gasoline	8,241
Noshiro Maru [2]	24	25	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	Silk, gen.	4,496
Mathew Luckenbach.	25	25	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	New Orleans, La.	Sugar, gen.	8,405
Republic	24	25	Amer.	U.S. Army	Honolulu, T.H.	Brooklyn, N.Y.	Army stores.	371
Arica	25	25	Fr.	French Line	San Antonio, Chile	Havre, France	General	4,724
Canadian Challenger.	25	25	Brit.	Can. Nat. Steamships	Brisbane, Aus'lia.	Montreal, Can.	General	2,277
Buccinum [1]	25	25	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [15]	Stove oil	6,052
Talamanca	25	25	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,120
Nichiyo Maru [2]	25	25	Jap.	Mitsui & Co.	Cebu, P.I.	New York, N.Y.	General	6,687
Princ Pavle	25	25	J-Slav.	A. Babarovic	Taltal, Chile	Alexandria, Egypt	Nitrates	7,500
Vermar	25	25	Amer.	Calmar S.S. Corp.	Seattle, Wash.	New York, N.Y.	Lumber, gen.	6,903
Mauna Ala	26	26	Amer.	Matson-Isthmian Line	Honolulu, T.H.	New York, N.Y.	Sugar, pines.	7,788
Beaconoil [1]	25	26	Amer.	Shell Oil Co.	Los Angeles, Cal.	New York, N.Y.	([17])	9,167
Aakre [2]	25	26	Nor.	Canada Shipping Co.	Victoria, B.C.	Liverpool, Eng.	Lumber	6,630
Nosa Queen	26	27	Amer.	Grace Line	Talcahuano, Chile	New York, N.Y.	Copper, gen.	4,825
Constance Chandler.	26	28	Amer.	Matson Nav. Co.	Honolulu, T.H.	New Orleans, La.	General	7,212
Danmark [1] [2]	26	26	Dan.	Standard Oil Co.	Talara, Peru	Aruba, D.W.I.	([18])	15,070

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer. [12] Cruiser. [13] Survey ship. [14] Sub. chaser. [15] For orders. [16] Grain, lumber, general. [17] Gasoline, kerosene. [18] Kerosene, naphtha.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Tercero [2]	26	26	Nor...	West Coast Line	San Antonio, Chile	Wilmington, N.C.	Ore, gen.	7,549
American	27	27	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Bridgeport, Conn.	Lumber, gen.	6,400
Texan	27	27	Amer..	Amer.-Hawaiian Line.	Bellingham, Wash	Boston, Mass.	Lumber, gen.	10,800
Beth [1 2]	27	27	Nor...	Standard Oil Co., Cal.	San Luis, Calif.	Dunkerque, Fr.	Crude oil	9,703
Kongo Maru [2]	27	28	Jap...	Kokusai Kisen Kaisha	Manila, P.I.	New York, N.Y.	General	6,829
Tai Ping Yang [2]	27	28	Pan...	Barber Wilhelmsen	Manila, P.I.	New York, N.Y.	Copra, gen.	5,898
Zurichmoor	27	28	Brit...	Canadian Transp. Co.	Victoria, B.C.	Garston, Eng.	Lumber	5,950
Walter A. Luckenbach.	27	28	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,537
Nuevo Panama [2]	28	30	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	227
King Bleddyn	27	28	Brit...	Anglo-Can. S.S. Co.	Vancouver, B.C.	London, England	(14)	9,030
Oakmar	28	28	Amer..	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,159
Herman F. Whiton.	28	28	Amer..	Dutton Lumber Corp.	Tacoma, Wash.	Providence, R.I.	Lumber	7,200
Durazzo	28	..	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	866
Heinrich V. Riedemann. [1 2]	28	29	Pan...	Panama Transp. Co.	Talara, Peru	Le Havre, France	Crude oil	16,611
Trontolite [1 2]	28	29	Brit...	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Gasoline	7,580
Drechtdijk [2]	28	29	Neth..	N. Pac. Coast Line	Victoria, B.C.	Rotterdam, Neth.	Wheat, gen.	10,087
Seven Seas [6]	4 – 6	...	Amer..	William T. Murnam	Seattle, Wash.	Chicago, Ill.	Ballast	.....
Emergency Aid	29	29	Amer..	Pac.-Arg.-Brazil Line.	Portland, Oreg.	Buenos Aires, Arg.	Lumber, gen.	3,440
Sutherland	29	29	Amer..	Nelson Line	Seattle, Wash.	New York, N.Y.	Lumber, gen.	7,381
San Diego	29	30	Fr....	French Line	Seattle, Wash.	Le Havre, France	General	5,648
Gertrude Maersk [2]	29	29	Dan...	A. P. Moller	Iloilo, P.I.	Savannah, Ga.	Sugar, gen.	6,756
President Lincoln.	30	30	Amer..	Dollar Line	Manila, P.I.	New York, N.Y.	General	7,024
Point Lobos	29	30	Amer..	Gulf-Pac. Mail Line.	Seattle, Wash.	Panama City, Fla.	(15)	5,742
James McGee [1]	29	30	Amer..	Imperial Oil Co.	Cabo Bl'co, Peru.	Montreal, Can.	Crude oil	15,030
Magmeric	30	30	Amer..	Sudden & Christenson	S. Francisco, Cal.	Baltimore, Md.	(16)	6,500
Peebles	30	30	Brit...	Andrew Weir & Co.	Iloilo, P.I.	East coast, U.S.	Sugar	6,492
San Clemente	30	30	Amer..	Calif. & Eastern Line.	S. Francisco, Cal.	Philadelphia, Pa.	Lumber, gen.	6,639
Orotava	30	1	Hond..	United Fruit Co.	Pto. Arm'les, R.P.	Boston, Mass.	Bananas	900
Virginian	30	30	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	10,362
Wales Maru	30	1	Jap...	Kawasaki S.S. Co.	Kobe, Japan	New York, N.Y.	Silk, gen.	4,524
Santa Rosa	30	1	Amer..	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	4,425
Virgilio [2]	30	2	Ital...	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	2,945
Borgestad [2]	30	1	Nor...	Canadian Transp. Co.	Vancouver, B.C.	Newcastle, Eng.	Lumber, gen.	6,264
Sona [2]	1	2	Pan...	A. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	42
Este	1	2	Ger...	North German Lloyd.	Vancouver, B.C.	Bremen, Ger.	General	8,535
Pacific Enterprise [2]	1	2	Brit...	Furness, Withy & Co.	Vancouver, B.C.	Glasgow, Scot.	General	9,039
Strymon	1	1	Greece.	Gildemeister & Co.	Pto. Chic'a, Peru.	Liverpool, Eng.	Sugar	7,090
Indra [2]	1	1	Nor...	Knut Knutsen	Valparaiso, Chile.	Oslo, Norway	General	6,840
Penelope [1 2]	1	2	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	S'ampton, Eng.	Crude oil	12,082
Southern Sun [1 2]	2	2	Amer..	Sun Oil Co.	El Segundo, Calif.	Marcus Hook, Pa.	Gasoline	13,880
Harry Luckenbach.	2	2	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,800
Turrialba	2	2	Amer..	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,393
Knoxville City	2	2	Amer..	Isthmian S.S. Lines.	Vancouver, B.C.	Avonmouth, Eng.	General	7,892
Laurits Swenson [2]	2	3	Nor...	Fred Olsen & Co.	Vancouver, B.C.	Oslo, Norway	Grain, gen.	7,800
Santa Clara	2	3	Amer..	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	5,086
Columbia Maru	30	2	Jap...	Mitsubishi Shoji K.	Kamchatka, Sib	London, England	General	5,487
Salvador	2	8	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C.Z.	General	428
Nankai Maru [2]	2	3	Jap...	Osaka Shosen Kaisha.	Bais, P.I.	Baltimore, Md.	General	6,029
Pacific	2	2	Amer..	Weyerhaeuser S.S. Co.	Tacoma, Wash.	Baltimore, Md.	Lumber	8,060
Winslow [5]	2	...	Amer..	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Rhakotis [2]	3	4	Ger...	Hamburg-Amer. Line.	Talcahuano, Chile	Hamburg, Ger.	General	7,787
Point Arena	2	3	Amer..	Swayne & Hoyt	Seattle, Wash.	Panama City, Fla.	General	3,300
Point Gorda	2	3	Amer..	Gulf-Pacific Line	S. Francisco, Cal.	Corpus Ch'ti, Tex.	General	4,421
Nailsea Court	2	3	Brit...	Hochschild & Co.	Ant'fagasta, Chile	Marseille, France.	(17)	6,602
Lobos [2]	2	3	Brit...	Pacific Steam Nav. Co.	Magallanes, Chile	Hull, England	General	8,757
Iris	2	12	Neth..	Royal Neth. S.S. Co.	Guayaquil, Ecua.	Cristobal, C.Z.	General	452
Sidney M. Hauptman.	3	3	Amer..	McCormick S.S. Co.	Tacoma, Wash.	Philadelphia, Pa.	Lumber, gen.	8,935
Sundance	3	3	Amer..	S. Atlantic S.S. Co.	Seattle, Wash.	New York, N.Y.	General	5,354
Canadian Highlander.	3	4	Brit...	Can. Nat. Steamships	Auckland, N.Z.	Montreal, Can.	General	1,079
Dakotan	3	4	Amer..	Amer.-Hawaiian Line	Pt. Angeles, Wash.	Boston, Mass.	General	8,709
Great City	3	4	Brit...	Reardon Smith Line.	Vancouver, B.C.	Hull, England	(18)	9,230
Stella	4	4	Dan...	Wessel, Duval & Co.	Guayaquil, Ecua.	Camden, N.J.	(19)	2,250
Asuka Maru	4	5	Jap...	Nippon Yusen Kaisha	Iloilo, P.I.	New Orelans, La.	Sugar, gen.	9,108
Phaex	4	4	Greek.	Phaex Ship. Co.	Vancouver, B.C.	Hull, England	Lumber	5,909
San Felipe	4	4	Amer..	Quaker Line	Los Angeles, Cal.	Baltimore, Md.	(20)	7,325
Rotula [1 2]	5	5	Neth..	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	Gasoline	11,252
Invella	5	5	Brit...	Canadian Transp. Co.	Pt. Alice, B.C.	Montreal, Can.	Lumber, gen.	6,032
Tuira [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	71
Sona [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	30
Sambu [2]	4	6	Pan...	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	25
Marconi [2]	5	7	Pan...	Hans Elliot	Panama, R.P.	Coloo, R.P.	Ballast	.....

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [13] For orders. [14] Spelter, wheat, lumber. [15] Sugar, lumber, general. [16] Copper, lumber. [17] Sulphur, zinc, ore. [18] Wheat, lumber, general. [19] Nitrates, cocoa beans. [20] Lumber, wood pulp.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cali	5	13	Ger...	North German Lloyd.	Guayaquil, Ecua.	Barranquilla, Col.	General	1,124
Steelore	6	6	Amer..	Ore S.S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,400
Balboa [2]	5	6	Swed..	Johnson Line	S. Francisco, Cal.	Stockholm, Swed.	General	7,724
Nuevo Panama [2]	5	7	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee	222
Cacique	5	6	Amer..	Grace Line	Tocopilla, Chile..	Savannah, Ga...	Nitrates	3,657
Helen Whittier	6	6	Amer..	Matson S.S. Co	Hilo, T.H	New Orleans, La.	Sugar	7,519
W. S. Miller [1]	6	6	Amer..	Standard Oil Co	Los Angeles, Cal.	Tiverton, R.I	Fuel oil	10,349
Taketoyo Maru	6	6	Jap...	Nippon Yusen Kaisha	Yokohama, Jap..	London, England	General	6,008
Kansan	6	7	Amer..	Amer.-Hawaiian Line.	Portland, Oreg ..	Boston, Mass	General	8,113
Launch	5	...	Amer..	U.S. Navy	Balboa, C.Z	Cristobal, C.Z	.....	.....
Steel Maker	7	7	Amer..	Isthmian S.S. Lines	Hilo, T.H	Baltimore, Md...	Sugar, gen	8,351
Santa Monica [2]	7	8	Amer..	Grace Line	Pisco, Peru	Pto. Colombia...	General	1,364
Virginia	7	8	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	9,508
Julia Luckenbach.	7	8	Amer..	Luckenbach Line	Seattle, Wash	Boston, Mass	Fruits, gen	9,035
Erlangen	8	9	Ger...	North German Lloyd.	Talcahuano, Chile	Bremen, Ger	General	8,479
Santa Rita [2]	8	9	Amer..	Grace Line	Valparaiso, Chile.	New York, N.Y.	Copper, gen.	2,815
Winslow [5]	7	...	Amer..	U.S. Army	Balboa, C.Z	Cristobal, C.Z	.....	.....
North Haven	8	9	Amer..	Luckenbach Line	Seattle, Wash	Houston, Tex	General	5,590
Leticia [2]	6	9	Pan...	A. Tagaropulos	Rio Cato, R.P	Colon, R.P	Iron rails	32
Cerigo	8	19	Ger...	Hamburg-Amer. Line.	Paita, Peru	Cristobal, C.Z	General	578
Oregon Express [2]	9	9	Nor...	Fruit Express Line	Portland, Oreg	Glasgow, Scot	Fresh fruit	1,900
Abangarez	9	9	Amer..	United Fruit Co	Pto. Arm'les, R.P.	Mobile, Ala	Bananas	900
Punta Arenas	9	9	Chile..	Chile-N. Amer. Line	Valparaiso, Chile.	New York, N.Y.	General	5,596
Ludington [8]	7	10	Amer..	U.S. Army	Honolulu, T.H	Brooklyn, N.Y.	Supplies	1,603
Olympos	8	9	Greek.	Anglo-Can. S.S. Co	Pt. Alberni, B.C.	Manchester, Eng.	Lumber	4,398
Makiki	9	10	Amer..	Matson S.S. Co	Honolulu, T.H	New York, N.Y.	([14])	5,390
Bradglen	10	10	Brit...	Anglo-Can. S.S. Co	Pt. Alberni, B.C.	Liverpool, Eng.	Lumber, gen.	7,355
St. Mihiel [8]	7	11	Amer..	U.S. Army	Balboa, C.Z	Brooklyn, N.Y.	Supplies	50
Henry D. Whiton.	10	10	Amer..	Dutton Lumber Corp.	Tacoma, Wash	Po'keepsie, N.Y.	Lumber	5,341
Eleanor Christenson.	10	10	Amer..	Sudden & Christenson	Tacoma, Wash	Baltimore, Md..	Lumber	7,186
Newton Pine	10	10	Brit...	Ridley Son & Tully	Vancouver, B.C..	Hull, England	Wheat	7,300
Winslow [5]	10	...	Amer..	U.S. Army	Balboa, C.Z	Cristobal, C.Z	.....	.....
Chilore	11	11	Amer..	Ore S.S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,800
Reina del Pacifico. [2]	10	11	Brit...	Pacific Steam Nav.Co.	Valparaiso, Chile.	Liverpool, Eng.	General	5,726
Sekstant	10	13	Nor...	Grace Line	Champ'ico, Guat.	Cristobal, C.Z	General	496
Binta [1] [2]	10	11	Nor...	Per Gjerding	Los Angeles, Cal.	Lands End, Eng.	Gasoline	7,992
Oregonian	10	11	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash	Boston, Mass	General	8,420
Svithiod [1] [2]	11	13	Pan...	Standard Ship. Co	Talara, Peru	Aruba, D.W.I	([15])	8,630
Trois Ilets	12	15	Fr....	French Line	B'ventura, Col	Cristobal, C.Z	Coffee	320
Wichita [2]	12	12	Amer..	Roosevelt S.S. Co	Adelaide, Aus'lia.	Baltimore, Md...	Ore, general.	8,140
Nuevo Panama [2]	12	13	Pan...	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C.Z	Coffee	179
Canada [2]	8	13	Dan...	East Asiatic Co	Vancouver, B.C..	Copenhagen, Den.	General	8,836
Reginolite [1] [2]	12	13	Brit...	Imperial Oil Co	Talara, Peru	Halifax, N.S	Crude oil	11,562
Houston City [2]	12	13	Brit...	Reardon-Smith Line.	Vancouver, B.C..	Cardiff, Wales	General	8,750
Columbian	13	13	Amer..	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass	General	7,267
Axios	13	13	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	8,000
Tuscaloosa City	13	14	Amer..	Isthmian S.S. Lines	Vancouver, B.C..	Swansea, Wales..	Lumber, gen.	8,008
Willhilo	13	13	Amer..	Amer.-Hawaiian Line.	Seattle, Wash	Baltimore, Md...	Lumber, gen.	8,258
Nansenville [2]	13	14	Nor...	Fred Olsen & Co	Vancouver, B.C..	Liverpool, Eng.	General	7,693
Venice Maru	13	14	Jap...	Kawasaki K. Kaisha	Iloilo, P.I	New York, N.Y.	General	7,980
Castana [1]	13	14	Amer..	U.S. Tankship Corp.	Honolulu, T.H	New York, N.Y.	Molasses	8,800
Nestos	14	14	Greek.	Gildemeister & Co	Pto.Chic'ma, Peru	Greenock, Scot	Sugar	7,343
San Bruno	14	14	Pan...	United Fruit Co	Pto. Arm'les, R.P.	Boston, Mass	Bananas	900
Santa Elena	14	15	Amer..	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,498
Anten	14	15	Swed..	Burn Philip & Co., Ltd	Pt. Pirie, Aus'lia.	Karlshamn, Swed.	Ore, copra	8,350
Sambu [2]	14	16	Pan...	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, C.Z	Bananas	16
Sona [2]	15	16	Pan...	A. Valdez	Bayano, R.P	Cristobal, C.Z	Bananas	48
Baarn	14	16	Neth..	Royal Neth. S.S. Co.	Talcahuano, Chile	Hamburg, Ger	General	7,985
Acajutla	14	...	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C.Z	Coffee, gen.	500
Bordeaux Maru	15	15	Jap...	Kawasaki K. Kaisha	Kobe, Japan	Philadelphia, Pa.	([16])	5,140
Gedania [1]	14	15	Ger...	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	12,773
Cathwood [1]	15	15	Amer..	Union Oil Co	Los Angeles, Cal.	Tiverton, R.I	Gasoline	8,390
Lancaster	15	15	Amer..	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Baltimore, Md...	Lumber, gen.	8,946
Wildwood	15	15	Amer..	Sudden & Christenson	Seattle, Wash	Baltimore, Md...	Lumber	6,600

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [13] For orders. [14] Sugar, pineapples. [15] Gasoline, kerosene. [16] Raw silk, general.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies, available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of 1934 and 1935

The following is a comparison of traffic at the Suez and Panama Canals for the first eight months of 1934 and 1935:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent decrease	Number of transits		Percent decrease
	1934	1935		1934	1935	
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
August	463	503	[1] 8.6	401	395	1.5
Total	3,728	3,816	[1] 2.4	3,528	3,343	5.2

	Suez Canal			Panama Canal		
	Tolls collected		Percent decrease	Tolls collected		Percent decrease
	1934	1935		1934	1935	
	Thousands of francs			*Thousands of dollars*		
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
August	69,930	71,640	[1] 2.4	1,907	1,757	7.9
Total	568,600	577,520	[1] 1.6	16,223	14,882	8.3

[1] Denotes increase.

Prices of Miscellaneous Supplies at Panama Canal Storehouses.

The following are prices, including the 25 percent surcharge, to individuals and companies, as of October 9, 1935:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.11
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.19
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb	.11
Paint, zinc oxide, dry	Lb.	.09
Paint, zinc oxide, in oil	Lb.	.13
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.08
Waste, cotton, white	Lb.	.09

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Traffic Through the Panama Canal in October 1935

The total vessels of all kinds transiting the Panama Canal during the month of October 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	October 1933	October 1934	October 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	433	467	227	214	441
Local commercial vessels [1]	45	43	32	19	51
Noncommercial vessels:					
United States Government	19	145	13	14	27
Colombian Government	.....	2	.....	1	1
For repairs	4	.....	1	1	2
Byrd expedition	1	.....	.....	.....	.....
Total	502	657	273	249	522

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended October 31, 1935, as compared with the same period in the previous year.

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35	1933–34	1934–35
November	432	469	2,393,779	2,546,417	1,948,655	2,339,001	$2,000,060.65	$2,137,916.55
December	476	443	2,616,777	2,331,250	2,191,245	2,089,310	2,203,319.45	1,952,192.57
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	2,159,642.48	1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
Total	5,338	5,087	29,103,479	27,126,209	25,611,741	24,892,062	24,471,593.98	22,717,288.43

Traffic by Nationality of Vessels [2] for October 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
Belgian	2	12,650	11,778	Netherlands	8	34,089	37,359
British	107	604,548	477,535	Norwegian	39	179,209	151,753
Chilean	1	3,465	5,596	Panamanian	16	81,910	74,212
Danish	9	49,207	40,888	Swedish	11	55,351	63,352
French	9	55,287	37,685	United States	181	982,617	1,017,202
German	25	105,465	109,922	Yugoslav	1	4,190	8,700
Greek	6	29,140	32,650				
Italian	4	31,242	10,720	Total	441	2,357,640	2,228,536
Japanese	22	129,270	149,184				

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, October 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated, hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	56	326,028	214,065	63	357,125	493,232
East coast United States and:						
Canada	8	38,195	6,095	3	12,209	18,286
Central America	4	12,119	.....	5	15,401	5,462
South America	13	58,288	11,730	13	62,668	129,491
Hawaiian Islands	2	10,059	2,980	6	29,408	45,795
Australasia	3	18,111	16,677	.....	.....	.....
Philippine Islands	10	64,439	38,881	11	67,789	80,205
Far East	20	113,629	140,660	3	16,840	16,228
Canadian intercoastal	1	5,208	7,315	2	8,540	12,532
East coast Canada and:						
South America	4	23,887	3,836	5	27,085	58,934
Australasia	3	13,463	11,903	4	20,536	20,444
Philippine Islands	2	11,778	12,369	.....	.....	.....
East coast Central America and:						
South America	1	4,069	7,532	.....	.....	.....
Australasia	2	8,314	12,721	.....	.....	.....
South American intercoastal	5	6,348	3,665	2	3,304	2,492
East coast South America and:						
United States	.....	.....	.....	2	10,474	7,763
Canada	1	5,020	5,022	.....	.....	.....
Far East	1	7,624	4,515	.....	.....	.....
Cristobal and:						
Central America	4	4,093	2,566	5	4,604	1,474
South America	5	5,441	1,459	8	8,174	6,207
West Indies and:						
Canada	1	4,335	.....	.....	.....	.....
South America	2	8,630	6,575	2	11,053	20,408
Balboa	1	4,312	8,140	.....	.....	.....
Europe and:						
United States	5	24,127	17,476	10	54,009	86,080
Canada	33	193,414	53,493	33	186,803	244,327
Central America	2	9,128	7,072	1	3,467	189
South America	23	144,169	30,940	25	145,992	221,291
Australasia	9	86,627	52,235	5	40,431	33,313
Hawaiian Islands	.....	.....	.....	1	4,860	4,812
Far East	.....	.....	.....	3	15,024	19,372
Egypt and South America	1	4,838	.....	1	4,723	7,950
Africa and Canada	1	4,970	.....	.....	.....	.....
Foreign vessels in ballast (United States intercoastal)	2	10,081	.....	.....	.....	.....
Around the world	1	9,178	4,593	1	6,523	7,734
Vessels not engaged in commerce [3]	1	676	.....	.....	.....	.....
Total	227	1,240,598	684,515	214	1,117,042	1,544,021

[3] Yacht.

Origin and Destination of Cargo by Major Areas, October 1935

The following table summarizes the origin of cargo passing through the Canal in October 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	226,418	6,216	181,252	10,809	20,166	444,861
Other North America	1,815	21,049	6,094	23,078	24,654	76,690
Europe	60,089	13,734	.....	28,844	48,991	151,658
Miscellaneous	4,436	2,139	2,262	2,469	.....	11,306
Total	292,758	43,138	189,608	65,200	93,811	684,515

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	494,973	6,444	212,987	10,792	725,196
Canada	15,974	19,162	114,886	638	150,660
Other North America	51,297	2,118	1,416	.....	54,831
South America	125,861	93,284	219,658	7,960	446,763
Australasia	16,053	4,391	33,313	.....	53,757
Asia	90,897	3,294	18,503	120	112,814
Total	795,055	128,693	600,763	19,510	1,544,021

Principal Commodities

Commodities which aggregated 10,000 or more tons either during October 1935 or in October 1934 are listed below:

Commodity	October		Commodity	October	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Asphalt and tar	1,263	18,472	Asphalt and tar	184	10,721
Automobiles and accessories	15,364	17,853	Barley	22,193	30,023
Canned goods, various	16,152	18,502	Beans, edible	14,060	17,321
Coal and coke	10,261	9,270	Borax	10,359	7,617
Corn	20,361	1,500	Canned goods, various	130,723	165,239
Cotton, raw	60,609	34,942	Cold storage (food products)[4]	23,078	18,453
Iron and steel	82,183	105,581	Copra	17,005	14,173
Machinery	8,852	12,398	Cotton, raw	6,767	10,440
Metals, various	16,789	14,032	Flour	26,022	32,196
Oils, mineral	33,364	58,851	Fruit, dried	58,486	50,522
Ores	8,263	25,382	Fruit, fresh[5]	20,040	30,105
Paper	24,221	35,453	Lumber	182,389	255,615
Phosphates	24,263	35,213	Metals, various	65,053	57,084
Salt	11,155	7,527	Nitrates	43,679	60,951
Sand	2,527	10,790	Oils, mineral	337,803	278,518
Scrap metal	93,904	36,530	Oils, vegetable	14,682	9,998
Sulphur	26,243	25,066	Ores (principally iron)	95,021	128,821
Tinplate	11,669	8,973	Soy beans	48,428	.....
			Sugar	103,630	116,676
			Wheat	128,374	63,615
			Wood pulp	8,945	13,500

[4] Exclusive of fresh fruit. [5] Not including bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of October 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	46	.....
Agricultural implements	1,350	2	3,715	6
Alfalfa meal	.....	1,018	.....	1,193
Ammonium compounds	140	.....	4,721	50
Animal foods[6]	.....	1,011	.....	1,123
Apparel, wearing (hats, shoes, clothing, etc.)	142	.....	192	64
Asbestos	145	.....	1,321	.....
Asphalt and tar	250	9,730	18,472	10,721

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Automobiles (and autotrucks)	1,345	21	9,994	26
Automobile parts and accessories	3,558	120	7,859	120
Bags and bagging, textile	175	21	291	21
Bamboo and products	.....	.....	.....	109
Bananas	.....	.....	80	6,754
Barks, miscellaneous	13	29	103	189
Barley	.....	568	650	30,023
Beans, edible, dry	44	9,735	87	17,321
Beer	108	.....	165	3
Beverages, nonalcoholic	118	.....	136	4
Blood and tankage	.....	.....	227	.....
Bones and bone meal	.....	235	180	330
Books and printed matter	35	.....	38	.....
Borax	1	620	4	7,617
Bran and pollards	.....	236	.....	4,213
Bricks and tile	306	.....	631	31
Camphor, crude	.....	.....	.....	37
Canned and preserved goods:				
Fish	347	25,353	1,113	50,784
Fruit	838	39,439	1,612	78,346
Meat	137	25	859	148
Milk	.....	177	268	570
Soup	5,417	1,283	5,763	1,283
Vegetables	2,824	17,145	3,066	17,561
Miscellaneous and unclassified	4,473	13,062	5,821	16,547
Carbon black	68	.....	455	.....
Celite	.....	787	.....	818
Cement	276	.....	9,126	.....
Chalk	.....	.....	1,083	.....
Charcoal	52	.....	71	10
Chemicals [6]	4,802	3,683	9,988	3,845
Clay, china and fire	655	162	1,414	162
Clay, filtering	.....	186	756	186
Coal	3,774	.....	4,571	.....
Cocoa and cacao beans	357	547	705	2,028
Coconuts and products [6]	261	1,478	419	9,534
Coffee	139	5	4,415	9,765
Coke	.....	.....	4,699	.....
Cold storage and refrigerated products:				
Dairy products	42	43	467	8,086
Eggs	.....	448	.....	848
Fish	1	.....	141	1,538
Lard	227	851	370	955
Meats	.....	77	115	6,102
Poultry	.....	7	.....	8
Vegetables	.....	177	25	916
Other and unclassified	80	.....	126	.....
Confectionery	982	.....	1,067	.....
Copra	.....	.....	.....	14,127
Copra meal and cake	.....	.....	.....	46
Corn	.....	.....	1,500	2,025
Cotton, raw	75	176	34,942	10,440
Creosote	.....	.....	1	.....
Drugs and medicines	1,493	5	1,514	66
Dyes	.....	.....	187	10
Earthenware	.....	.....	71	.....
Eggs, dried	.....	.....	.....	132
Electrical apparatus and appliances	756	91	1,026	185
Explosives	37	57	237	85
Extract, quebracho	.....	.....	428	.....
Fertilizers [6]	468	182	3,456	746
Fish, salted or dry-cured	.....	.....	1	.....
Fish meal	.....	2,201	.....	4,260
Floor coverings	1,598	496	1,598	722
Flour	313	29,191	1,629	32,196
Fruit, dried	.....	21,957	507	50,522
Fruit, fresh [6]	320	3,817	332	30,105
Furniture and household goods	1,047	192	1,149	196
General	27,879	8,375	59,987	14,345
Glass and glassware	3,290	195	5,548	655
Glue	23	139	34	140
Grains [6]	.....	468	213	729
Groceries	1,437	36	1,625	427
Gums	.....	26	600	136
Hair, all kinds	.....	38	.....	182
Hay	.....	.....	.....	207
Hemp, unmanufactured	50	.....	50	1,564
Honey	.....	231	.....	370
Horns and hoofs	.....	.....	119	64
Infusorial earth	.....	111	10	522

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	57,032	519	105,581	613
Ivory nuts	.....	200	337	1,920
Jute, unmanufactured	90	.....	427	.....
Lard substitute	414	238	414	238
Liquors	3,393	607	5,242	633
Lumber (including manufactured mill products)	1,599	151,194	2,950	255,615
Machinery	6,967	586	12,398	712
Malt	.....	.....	402	30
Manufactured goods[6]	2,878	192	4,036	1,678
Marble and granite	66	660	487	660
Matches	360	116	442	116
Metals:				
Antimony	.....	923	.....	1,178
Copper	90	11,940	1,532	37,363
Gold and silver	.....	.....	.....	33
Iron	1,458	25	7,888	25
Lead	11	492	2,017	9,374
Tin	29	21	345	352
Zinc	200	.....	2,033	8,271
Other and unclassified	161	297	217	488
Milk, powdered	23	385	52	639
Molasses and syrups	759	.....	761	8,870
Nitrates	2,490	.....	8,610	60,951
Nuts, edible (including meats)	84	1,191	218	2,001
Oats	126	791	132	3,630
Oils, mineral:				
Crude	664	.....	7,274	124,192
Gas and fuel	.....	10,349	15,872	10,349
Gasoline, benzine, and naphtha	100	49,428	2,700	127,814
Kerosene	2,006	.....	6,548	14,055
Lubricating and greases	15,182	1,761	26,099	2,085
Other and unclassified	358	.....	358	23
Oils, vegetable:				
Coconut	.....	537	22	3,204
Cottonseed	159	.....	269	18
Linseed	28	.....	32	.....
Olive	58	.....	469	.....
Rapeseed	33	.....	70	406
Wood	45	.....	55	2,073
Other and unclassified	251	555	487	4,297
Oil, fish	.....	.....	67	764
Oil, whale	.....	.....	12	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	2,387	5	6,290
Oilseed cake and meal	1,430	.....	1,430	5,674
Ores:				
Antimony	.....	65	.....	551
Copper	.....	1,931	.....	4,704
Gold and silver	.....	.....	20,328	1,918
Iron	350	.....	1,309	87,125
Lead	12	.....	12	4,243
Magnesite	.....	1,810	715	1,810
Manganese	360	.....	360	10,812
Tin	.....	.....	10	4,399
Zinc	.....	21	2,579	12,068
Other and unclassified	.....	18	67	1,191
Paints and varnishes	1,646	149	3,143	219
Paper and paper products[6]	9,328	6,237	34,813	6,803
Paper scrap	.....	21	640	38
Peanuts	699	.....	699	.....
Peas, dry	75	184	78	661
Peatmoss	.....	.....	338	.....
Phosphates	1,439	.....	35,213	16
Plaster	.....	20	.....	21
Porcelainware	380	768	819	5,260
Potash	.....	1,984	6,485	1,984
Pyrethrum flowers	.....	144	.....	432
Rags and waste	147	215	927	598
Railroad material	141	.....	3,133	22
Rice	171	12	360	1,474
Rope and twine	684	49	777	154
Rosin	943	.....	5,371	71
Rubber:				
Manufactured	875	9	1,322	80
Raw	.....	.....	.....	4,233
Scrap	12	5	14	162
Rye	.....	67	.....	67
Salt	275	180	7,527	195
Sand	1,600	.....	10,790	115
Scrap metal	492	234	36,530	862

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	300	913	1,402	1,239
Shells, oyster	1,037	11	1,037	116
Silk, raw	.....	2,808	12	4,236
Skins and hides	26	3,096	590	6,348
Slag	.....	.....	869	.....
Slate	248	.....	248	.....
Soaps and products	1,498	65	1,797	452
Soda and sodium compounds:				
Soda ash	2,435	.....	2,481	846
Soda, caustic	225	.....	1,119	18
Miscellaneous and unclassified	22	.....	73	9,435
Sugar	.....	16,980	1,722	116,676
Sulphur	21,766	.....	25,066	2,500
Talc	80	322	129	379
Tallow	.....	296	.....	2,905
Tea	10	40	100	2,343
Textiles [7]	5,158	84	8,545	2,842
Tinplate	486	17	8,973	42
Tobacco and manufactures	1,074	36	3,791	108
Toilet preparations	619	20	659	21
Turpentine	134	.....	421	.....
Vegetables, dry [6]	.....	112	26	472
Wall board	131	470	466	648
Wax, paraffin	200	.....	1,704	2
Wheat	.....	8,716	729	63,615
Wines	406	2,733	990	3,391
Wood pulp	97	8,593	4,661	13,500
Wool	25	3,879	65	7,766
Total, October 1935	226,418	494,973	684,515	1,544,021
Total, October 1934	207,159	577,314	643,444	1,529,308
Total, October 1933	201,197	663,231	527,596	1,596,376

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of October 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	32,256	5,678	6	34,914	69,485
East coast United States and:						
Hawaiian Islands	.....	.....	.....	1	4,286	[8] 7,920
Philippine Islands	.....	.....	.....	1	3,761	[9] 7,500
Far East	1	5,041	8,600	.....	.....	.....
East coast Canada and South America	3	19,618	.....	5	27,085	58,934
East coast Central America and South America	1	4,069	7,532	.....	.....	.....
South American intercoastal	1	1,595	1,907	.....	.....	.....
West Indies and:						
South America	2	8,630	6,575	2	11,053	20,408
Balboa	1	4,312	8,140	.....	.....	.....
Europe and:						
United States	3	15,566	.....	5	28,984	54,634
South America	8	57,535	.....	6	42,647	82,213
Total	26	148,622	38,432	26	152,730	301,094

[8] Molasses. [9] Coconut oil.

Comparison of Canal Traffic in October 1935, with October Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of October			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	83	[10] 322	425	1915	[11] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	151	482	617	1917	145	483	588
1917	164	522	600	1918	165	547	627
1918	181	552	657	1919	162	510	576
1919	191	670	705	1920	199	712	781
1920	226	934	991	1921	232	950	966
1921	249	1,069	985	1922	222	951	907
1922	291	1,310	1,446	1923	325	1,550	1,631
1923	420	2,139	2,127	1924	429	2,179	2,249
1924	383	1,923	2,018	1925	382	1,904	1,996
1925	406	1,955	2,009	1926	424	2,064	2,169
1926	435	2,124	2,374	1927	441	2,184	2,311
1927	551	2,584	2,716	1928	521	2,453	2,468
1928	543	2,514	2,581	1929	524	2,485	2,554
1929	554	2,747	2,844	1930	502	2,497	2,502
1930	506	2,583	2,393	1931	447	2,314	2,089
1931	384	2,081	1,763	1932	364	1,968	1,650
1932	367	1,987	1,581	1933	347	1,900	1,513
1933	433	2,414	2,124	1934	436	2,379	2,059
1934	467	2,516	2,173	1935	432	2,317	2,109
1935	441	2,358	2,229	([12])	417	2,225	2,046

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 10 months of calendar year 1935.

Terminal Activities

Ships repaired during the month of October 1935 numbered 56, including 11 which were drydocked. Fuel oil in the quantity of 326,824 barrels was delivered as bunkers to 102 commercial ships. Bunker coal amounting to 2,557 tons was delivered to 14 commercial ships.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ..... tons..	36,432	38,289	74,721
Local cargo arriving ..... tons..	26,470	12,396	38,866
Local cargo shipped ..... tons..	4,863	3,590	8,453
Cargo received for transshipment ..... tons..	34,452	1,070	35,522
Cargo transshipped ..... tons..	33,780	962	34,742
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	4	10
Number of releases issued	43	21	64
Tons received	60	16	76
Tons withdrawn	85	18	103

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	515	3,238,613	1,919,041	472	2,916,868	1,737,021
Vessels entering port but not transiting Canal	64	327,911	186,403	5	33,095	20,064
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	135	957,347	554,261	89	656,119	378,989
Ships clearing						
All vessels, including those transiting Canal..	515	3,223,351	1,910,451	476	2,953,801	1,757,567
Vessels clearing port but not transiting Canal	65	326,707	184,016	7	38,020	24,058
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	132	932,268	541,141	92	684,526	393,485

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, October 15, 1935, to midnight, November 15, 1935. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Cerigo, 0, 63
Colombie, 0, 536
Washington, 0, 155
Nebraska, 0, 48
Acajutla, 0, 576
Amapala, 0, 317
Magallanes, 0, 388½
Lochgoil, 162, 127
Pasajero, 0, 54
San Anselmo, 227, 0
Santa Maria, 364, 73½
Canadian Scottish, 53, 110
Tosca, 1, 76
Cristobal, 2,509, 554
Santa Clara, 96, 149
Canadian Constructor, 50, 760
Fulda, 49, 0
Knute Nelson, 3, 0
Veragua, 271, 33
Naruto Maru, 272, 0
Axel Johnson, 0, 64
Tivives, 554, 193
Laguna, 20, 71½
Ulua, 347, 285
Karnak, 15, 411
Colombia, 15½, 238
Mantilla, 4,849, 0
Pastores, 197, 888
Weser, 213, 165
Manizales, 1,058, 155
Veragua, 102, 77
Mayan, 179, 16
Wyoming, 688, 247
Hokuroku Maru, 985, 90
Santa Catalina, 1,428, 801
Santa Barbara 612, 1
Lochmonar, 205, 8
Contessa, 553, 471
Istmo, 697, 141
Witram, 70, 354
Seattle, 235, 207
Marsodak, 407, 0
Svithoid, 1,452, 0
Trois Ilets, 107, 0
Cerigo, 51, 279½
Quirigua, 139, 52½
Viriginia, 0, 5
Oregon, 47, 102
Duesseldorf, 27, 249
Santa Rita, 560, 700¼
Zacapa, 686, 179
Buenaventura, 1,389, 846
Nora Maersk, 28, 0
Noshiro Maru, 0, 411
Colombia, 285, 1,210
Calamares, 461, 419
Dorelian, 263, 0
Saarland, 386, 0
Iris, 877, 25
Mayan, 185, 750½
Durazzo, 1,134½, 0
Tai Ping, 220, 0
San Vincente, 136, 43
Damsterdijk, 55, 67½
Commissaire Ramel, 0, 37
Poseidon, 371, 0
Patricia, 86, 1,801¼
Quirigua, 79, 789
West Camargo, 50, 36
Barneveld, 41, 345
Santa Paula, 612, 0
Alaska, 616, 385
President Cleveland, 363, 0
Amerika, 0, 75
Amapala, 62, 183
Venezuela, 115, 1
Annie Johnson, 48, 0
Salvador, 87¼, 0
Velma Lykes, 190, 272
Vancouver, 311, 98
Flandre, 101, 399
Ancon, 3,835, 0
Santa Lucia, 735, 166
Phoenicia, 81, 85
Leme, 353, 131½
Santa Maria, 120, 0
Antigua, ½, 0
Orbita, 45, 0
Orbita, 0, 352
Antigua, 0, 178
Santa Maria, 0, 200¼
Peten, 76, 14
San Gabriel, 260, 4
Eidsvold, 991, 0
Canadian Britisher, 67, 733
Santa Elena, 231, 60
Metapan, 613, 361
Venezuela, 28½, 751
Haiti, 167, 686
Toloa, 1,011, 166
Bodegraven, 117, 478
Cali, 1,226, 351
Durazzo, 0, 439
Caribia, 464, 5
San Francisco, 341, 243
Royal Arrow, 5,271, 0
Istmo, 707, 235
Trois Ilets, 243, 38
Peten, 99, 674
Salvador, 0, 738
Benjamin Franklin, 0 205
Orazio, 6, 403
Roda, 32, 140
Santa Monica, 1,511, 0
Elsie M, 2½, 2¼
Alton, 3, 0
Santa Inez, 204, 19
Granville, 248½, 0
Contessa, 161, 491
Aller, 66, 255
Ancon, 0, 1,080
Kurama Maru, 715, 0
Castor, 12,294, 0
Schwaben, 83, 483
Sanyo Maru, 972, 18
Feltre, 136, 0
Witell, 160, 314
Santa Barbara, 570, 121
Guayaquil, 1,706, 503
Sekstant, 190, 1,120
Veragua, 145, 31
Odysseus, 92, 134
Lochkatrine, 382, 390
Costa Rica, 199, 20
Sutherland, 209, 0
California, 101, 4
Santa Marta, 923, 327
Curaca, 70, 200
Santa Monica, 123, 601
Canadian Challenger, 160, 107
Pasajero, 0, 55
Ulua, 1,001, 76
Pastores, 313½, 470
Cellina, 113, 5
Hallingdal, 172, 0
Manizales, 1,022, 124
Nordstjernan, 60, 150
Mercury Sun, 1,396, 0
Istmo, 686, 262
Veragua, 97, 696
Orduna, 65, 58
Dakarian, 205, 35
Santa Rosa, 559, 13
Sydhav, 12,814, 0
Portland, 210, 0
Caribia, 40, 1,070
Amapala, 725, 388
Dinteldijk, 188, 193
Sona, 15, 10
Cuba, 91, 889
Acajutla, 172, 629½
Santa Clara, 752, 28
Armadale, 97, 0
Goslar, 40, 675
Nagara Maru, 751, 0
Santa Lucia, 205, 99
Cristobal, 2,742, 0
Iris, 473, 113
Tillie Lykes, 88, 502
Losada, 382, 108
Shinko Maru, 594, 2
Pennsylvania, 0, 3
Juan Sebastian Elcano, 620, 1,291½
Quirigua, 154, 70
Sixaola, 800, 327
Manizales, 0, 891
Talamanca, 0, 236

BALBOA

Chaumont, 26 ,0
Sirius, 2, 0
Paludina, 8,140, 0
Republic, 318, 0
President Lincoln, 1, 0
Torres, 7,200, 0
Santa Rosa, 156, 165
Santa Clara, 367, 60
Huguenot, 10,921, 0
Knute Nelson, 375, 0
Albangarez, 0, 8
City of Elwood, 125, 0
Mayan, 6, 92
El Mirlo, 11,884, 0
West Mahwah, 937, 0
Tai Ping Yang, 0, 2,995
Heiyo Maru, 0, 20
Virginia, 25, 121
President Harrison, 13, 0
Santa Rita, 142, 2
Tai Ping, 313, 0
Turrialba, 0, 14
Santa Paula, 514, 13
Mayan, 10, 9
Missourian, 0, 20
Salvador, 2, 0
Leme, 377, 0
Santa Lucia, 67, 7
Magmeric, 426, 0
Iris, 0, 42
Santa Maria, 248, 84
Santa Elena, 2, 21
Perene, 168, 0
Santa Inez, 12, 0
Granville, 580, 0
Nitro, 0, 3
Pennsylvania, 0, 144
Santa Barbara, 332, 1
President Hayes, 26, 13
Chiriqui, 0, 78
Santa Rosa, 503, 1
Mercury Sun, 2,690, 0
Sekstant, 0, 32
Santa Clara, 64, 0
Cuzco, 654, 0
Spirila, 8,647, 0
Remuera, 14, 0
Santa Lucia, 329, 15
Santa Paula, 2, 45

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,219; embarking, 1,658; at Balboa, 639 disembarking and 800 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,281; from the Pacific to the Atlantic, 2,880. Aircraft numbering 42 entered Cristobal, and 122 passengers disembarked; clearances were 41, with 130 passengers embarking; at Balboa entries of aircraft were 30, with 48 passengers disembarking; clearances, 30, with 55 passengers embarking.

Coal

Coal, bunker, U.S. Navy Standard Pool No. 1, run-of-mine, Pocahontas or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Movements of Ocean Vessels Through the Panama Canal

From midnight October 15, 1935, to midnight November 15, 1935

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Washington	15	16	Amer.	Calif. Eastern Line	New York, N.Y.	Portland, Oreg.	([15])	5,537
Nebraska	15	16	Brit.	Royal Mail Lines	Rotterdam, Neth	Portland, Oreg.	Gen, coffee	1,108
C. O. Stillman [1] [2]	15	22	Brit.	International Pet. Co.	Halifax, N.S.	Talara, Peru	Ballast	
Azumasan Maru [2]	15	16	Jap.	Mitsui Bussan Kaisha	New York, N.Y.	Moji, Japan	General	8,029
Austvard [2]	15	16	Nor.	Anglo-Can. S.S. Co.	Wilmington, Del.	Vancouver, B.C.	Ballast	
Paludina [1]	16	19	Brit.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Balboa, C.Z.	Fuel oil	8,140
Buenos Aires [2]	16	16	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	General	1,367
Sambu [2]	15		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sona [2]	15		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Enoch [3]	16		Pan.	E. J. Hooper	Colon, R.P.	Gatun, C.Z. [14]		
Teal [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
President Lincoln.	17	18	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	([16])	2,956
Republic [8]	16	18	Amer.	U.S. Army	Brooklyn, N.Y.	Honolulu, T.H.	General	1,033
Tosca [2]	16	17	Nor.	Knut Knutsen, O.A.S.	Oslo, Norway	Talcahuano, Chile	General	1,809
F. J. Luckenbach	17	17	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,628
San Anselmo	16	17	Amer.	States S.S. Co.	Albany, N.Y.	Seattle, Wash.	([17])	6,228
Reaper [1]	17	17	Amer.	The Texas Co.	Port Arthur, Tex.	Shanghai, China	([18])	8,600
Canadian Scottish.	16	17	Brit.	Can. Nat. Steamships	Montreal, Canada	Wellington, N.Z.	General	4,174
Dorothy Luckenbach.	18	18	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	1,331
Knute Nelson [2]	17	18	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B.C.	General	4,799
Berganger [2]	18	18	Nor.	Interocean S.S. Corp.	Rotterdam Neth.	Vancouver, B.C.	Passengers	
Geddington Court	18	18	Brit.	Promexport, Moscow	Lening'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,953
Beldagny	18	18	Nor.	Christen Smith	Newp't News, Va.	Arica, Chile	Ballast	
City of Bagdad	18	18	Brit.	City Line, Ltd.	Liverpool, Eng.	Melb'rne, Aus'lia	General	4,913
Kwansai Maru [2]	18	19	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	([19])	7,712
Santa Rosa	18	19	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Gen., coffee	3,250
Santa Clara	17	18	Amer.	Grace Line	New York, N.Y.	San Antonio, Chile	General	2,765
Dorothy Cahill	18	18	Amer.	Arrow Line	New York, N.Y.	Seattle, Wash.	General	5,358
Winslow [5]			Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towing barge	
Mary Ann [13]			Amer.	U.S. Navy	Cristobal, C.Z.	Gamboa, C.Z.	Ballast	
Buenos Aires Maru [2]	18	19	Jap.	Osaka Shosen Kaisha	Buenos Aires, Arg.	Kobe, Japan	Gen., coffee	4,515
Quarrington Court	18	19	Brit.	Canadian Transp. Co.	Tyne, England	Vancuover, B.C.	Ballast	
Abangarez	19	19	Amer.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P.	Ballast	
Nassa [1]	19	19	Brit.	Anglo-Saxon Pet. Co.	Oslo, Norway	Los Angeles, Cal.	Ballast	
Panaman	19	19	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	2,734
Yorkmar	19	19	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,037
Laguna [2]	18	19	Brit.	Pacific Steam Nav.Co.	Hull, England	Coronel, Chile	General	3,513
Karnak	19	19	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	4,833
Weser [2]	19	20	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B.C.	General	2,861
Ousebridge	19	20	Brit.	Wm. Crosby & Son	Boston, Mass.	Vancouver, B.C.	Ballast	
Harpoon	20	20	Amer.	Shepard S.S. Co.	N.Bedford, Conn.	Seattle, Wash.	General	3,200
Acajutla	15	20	Brit.	Pacific Steam Nav. Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	575
Motocarline [1] [2]	20	21	Belg.	Standard Ship. Co.	Antwerp, Belg.	Talara, Peru	Ballast	
Manizales	19	20	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	155
Chester Sun [1] [2]	20	20	Amer.	Sun Oil Co.	Chester, Pa.	El Segundo, Cal.	Ballast	
Cape of Good Hope. [2]	20	20	Brit.	Lyle Shipping Co.	Cardiff, England	Iquique, Chile	Ballast	
Tuira [2]	19		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sambu [2]	19		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sona [2]	19		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Real [2]	19		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Tainui	21	21	Brit.	Shaw, Savill & Albion.	London, England	Wellington, N.Z.	General	4,628
Parthenia	20	21	Brit.	Donaldson Lines	Glasgow, Scot.	Vancouver, B.C.	General	689
Forbes Hauptman	20	21	Amer.	McCormick S.S. Co.	New York, N.Y.	Tacoma, Wash.	General	5,241
City of Delhi	21	21	Brit.	Ellerman & Bucknall.	New York, N.Y.	Adelaide, Aust'lia	General	3,366
Willsolo	21	22	Amer.	Amer.-Hawaiian Line.	Charleston, S.C.	San Diego, Calif.	General	2,959
Katrina Luckenbach.	22	22	Amer.	Luckenbach Line	New Orleans, La.	Los Angeles, Cal.	General	6,730
Greystoke Castle [2]	22	22	Brit.	J. Chambers & Co.	New York, N.Y.	Kobe, Japan	General	5,110
Malayan Prince [2]	22	27	Brit.	Furness-Prince line	Halifax, N.S.	Yawata, Japan	General	7,623
Leticia [3]	22	23	Pan.	United Fruit Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	75
Southern Sun [1] [2]	22	23	Amer.	Sun Oil Co.	Chester, Pa.	El Segundo, Cal.	Ballast	
Californian [2]	22	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,577
Steelore	23	23	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Lochmonar [2]	22	23	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B.C.	General	988
Witram	23	23	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,341
Bradfyne	23	23	Brit.	Leeds Shipping Co.	Mobile, Ala.	Kobe, Japan	([20])	7,707
W. S. Miller [1]	23	23	Amer.	Standard Oil Co.	Tiverton, R.I.	Los Angeles, Cal.	Ballast	
Svithiod [1] [2]	23	24	Pan.	Standard Ship. Co.	Aruba, D.W.I.	Talara, Peru	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [10] Mine sweeper. [13] Crane. [14] For bananas and return to Cristobal, C.Z. [15] Coal, steel, general. [16] Paper, machinery, general. [17] Lubricating oil, general. [18] Kerosene, lubricating oil. [19] Iron, oil, general, etc. [20] Phosphate, cotton.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Marsodak	23	24	Amer.	Nelson Line	New York, N.Y.	Los Angeles, Cal.	Gen., coal	1,922
Hoegh Carrier	23	24	Nor.	Kawasaki K. Kaisha	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Chelsea	24	24	Brit.	Long Is. Mach. & Eq.	Jacksonville, Fla.	Kobe, Japan	Scrap iron	7,000
Norfolk	24	25	Brit.	FederalSteamNav.Co.	Newport, Eng.	Dunedin, N.Z.	General	12,740
Petter [1] [2]	24	24	Nor.	Comp.des Prod.Chem.	Port de Bouc, Fr.	Talara, Peru	Ballast	
Tai Ping Yang [2]	24	31	Pan.	Barber Wilhelmsen	Norfolk, Va.	Japan	Ballast	
Paul Luckenbach	24	24	Amer.	Luckenbach Line	Philadelphia, Pa.	Tacoma, Wash.	General	2,381
Point Montara	24	24	Amer.	Swayne & Hoyt	Tampa, Fla.	S. Francisco, Cal.	General	3,310
Enoch [3]	24	..	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [12]		
President Harrison.	25	25	Amer.	Dollar Line	New York, N.Y.	Round the world.	General	7,064
Virginia	25	26	Amer.	Panama-Pacific Line	New York, N.Y.	S. Francisco, Cal.	General	3,324
Selma City	24	25	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Seattle, Wash.	General	6,530
Tatsuno Maru	24	25	Jap.	Nippon Yusen Kaisha	Port Tampa, Fla.	Kobe, Japan	General	7,619
El Oso [1]	24	25	Brit.	C. T. Bowring & Co.	Birkenhead, Eng.	Lobitos, Peru	Ballast	
American Oriole	25	25	Amer.	General Chemical Co.	New Orleans La.	S. Francisco, Cal.	Sulphur	7,776
Soloy [2]	25	25	Nor.	Maersk Line	Baltimore, Md.	Manila, P.I.	General	5,380
Dusseldorf [2]	25	25	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,246
Oregon [2]	25	25	Fr.	French Line	Dunkerque, Fr.	Vancouver, B.C.	General	5,923
Nichiyo Maru [2]	26	26	Jap.	Mitsui Bussan Kaisha	New York, N.Y.	Moji, Japan	General	7,942
Fairfax [9]	26	..	Amer.	U.S. Navy	Guantan'o, Cuba	Balboa, C.Z.	Ballast	
Athelregent [1] [2]	26	26	Brit.	Mitsui & Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Santa Rita [2]	25	26	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,895
Noshiro Maru [2]	26	26	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([13])	7,173
Enoch [3]	26	..	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [12]		
Turrialba	26	27	Amer.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les,R.P.	Ballast	
Embassage	26	27	Brit.	Hall Brothers	Algiers, Africa	Vancouver, B.C.	Ballast	
Canadian Victor	27	27	Brit.	Can. Nat. Steamships	Montreal, Canada	Auckland, N.Z.	Paper, gen.	3,672
Santa Catalina [2]	21	27	Amer.	Grace Line	Cristobal, C.Z.	Pisco, Peru	General	883
Hegira	26	27	Amer.	Pac. Coast Direct Line	Newark, N.J.	Everett Wash.	General	3,809
Birmingham City	27	27	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Hilo, T.H.	Autos, gen.	1,982
Cerigo	24	27	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	Gas., gen.	510
San Vincente	27	27	Amer.	Quaker Line	New York, N.Y.	Seattle, Wash.	General	3,360
Pluviose	27	27	Fr.	Raffinerie de Berre	Marseille, France	Talara, Peru	Ballast	
Mayan	26	28	Amer.	Grace Line	Pto. Colombia	Champ'ico, Guat.	General	953
Missourian [2]	27	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,407
Commissaire Ramel.	27	28	Fr.	Messageries Marit'es.	Marseille, France	Noumea, New Cal	General	920
Chilore	27	28	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Trontolite [1] [2]	28	29	Brit.	Imperial Oil Co.	Montreal,Canada	Talara, Peru	Ballast	
Stella	27	28	Dan.	Wessel, Duval & Co.	New York, N.Y.	Talcahuano, Chile	General	934
Trois Ilets	23	28	Fr.	French Line	Cristobal, C.Z.	Manta, Ecua.	Ballast	
West Camargo	28	28	Amer.	McCormick S.S. Co.	Rosario, Arg.	Vancouver, B.C.	General	5,022
Pacific Exporter [2]	28	28	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	634
King Robert	28	28	Brit.	Cia. Mexicana Pet.	Tampico, Mexico	Frem'tle Aus'lia.	Asphalt	6,504
Canonesa	28	29	Brit.	Blue Star Line	Glasgow, Scot.	Vancouver, B.C.	Ballast	
Ronda [6]	8–5	..	Brit.	Henry V. Hudson	Kingston, Jam.	Balboa, C.Z.	Ballast	
Victor Ross [1] [2]	28	29	Pan.	Panama Transport Co.	Bremen, Ger.	Talara, Peru	Ballast	
Selandia [2]	29	29	Dan.	East Asiatic Co.	Copenhagen, Den.	S. Francisco, Cal.	Ballast	
Texan	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,800
Barneveld	28	29	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	3,830
Istmo	22	29	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	125
Adventure [5]	..	..	Amer.	R. O. Shuey	Cristobal, C.Z.	Gatun, C.Z.	Ballast	
Annie Johnson [2]	29	30	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	General	2,053
Belfast Maru	29	30	Jap.	Kawasaki K. Kaisha	New York, N.Y.	Kobe Japan	Gen., cotton.	7,757
President de Vogue. [1] [2]	29	30	Nor.	Comp.des Prod. Chem. et Raffin. de Berre.	Pt. de Bouc, Fr.	Talara, Peru	Ballast	
Tilsington Court.	30	30	Brit.	Canadian Transp. Co.	Barry, England.	Vancouver, B.C.	Ballast	
City of Eastbourne.	30	30	Brit.	Ellerman Lines, Ltd.	Montreal,Canada	Dairen, China	General	4,746
West Nilus	30	30	Amer.	McCormick S.S. Co.	New York, N.Y.	Seattle, Wash.	Steel, gen.	4,022
Vancouver	30	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	3,517
Waipawa [2]	30	31	Brit.	Shaw, Savill & Albion	London, England	Nelson, N.Z.	General	3,636
Real [2]	29	..	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Bonnington Court [2]	30	31	Brit.	Canadian Transp. Co.	Montreal,Canada	Tacoma, Wash.	General	7,315
Killerig [4]	31	31	Pan.	Merritt & Chapman.	Kingston, Jam.	Salvador	Ballast	
Walter A. Luckenbach.	31	31	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,918
Samuel Bakke [2]	31	31	Nor.	Knut Knutsen,O.A.S.	Stavanger, Nor.	Los Angeles, Cal.	Ballast	
Rangitata [2]	31	1	Brit.	N.Z. Shipping Co.	London, England	Auckland, N.Z.	General	4,564
Orbita	31	1	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile	General	1,654
King Neptune [2]	31	1	Brit.	J. J. Moore & Co.	Manchester, Eng.	Vancouver, B.C.	Ballast	
Antigua	31	1	Amer.	United Fruit Co.	Mobile, Ala.	S. Francisco, Cal.	Mach'y, gen.	214
Dryden	31	1	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Cebu, P.I.	General	8,448
Mathew Luckenbach.	31	1	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,200
Nankai Maru [2]	1	1	Jap.	Osaka Shosen Kaisha.	New York, N.Y.	Kobe, Japan	Gen., copper	7,173
Iris	1	1	Neth.	Royal Neth. S.S. Co.	Pto. Colombia	Guayaquil, Ecua.	General	192

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [12] For bananas and return to Cristobal, C.Z. [13] Scrap iron, wire, tinplate, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Magmeric	1	2	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,252
Ulla	1	1	Dan.	J. Lauritzen	Cardiff, England	Seattle, Wash.	Ballast	
Santa Maria [2]	31	2	Amer.	Grace Line	New York, N.Y.	San Antonio, Chile	General	2,599
San Gabriel	1	1	Amer.	Pac.-Atlantic Corp.	New York, N.Y.	Tacoma, Wash.	General	3,276
Winslow [5]			Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towingbarge	
Santa Elena	1	2	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Coffee, gen.	2,646
Point Palmas	1	2	Amer.	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal.	General	5,107
Trondanger [2]	2	2	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Vancouver, B.C.	Gin	40
Brandanger [2]	2	2	Nor.	General S.S. Corp.	Rosario, Arg.	Vancouver, B.C.	([13])	6,581
Vermar	2	2	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,456
Monkleigh	2	2	Brit.	Anglo-Can. S.S. Co.	New York, N.Y.	Vancouver, B.C.	Ballast	
Abangarez	2	2	Amer.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P	Ballast	
Wind Rush	2	2	Amer.	Shepard S.S. Co.	N. London, Conn.	Portland, Oreg.	General	5,010
Enoch [3]	2		Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z [14]		
Virginian	2	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,831
Dora [2]	3	3	Dan.	J. Lauritzen	London, England.	Seattle, Wash.	Ballast	
Corrientes	3	3	Brit.	Donaldson Line	Glasgow, Scot.	Portland, Oreg.	General	624
Trimountain [1]	3	3	Amer.	Shell Oil Co.	Albany, N.Y.	Los Angeles, Cal.	Ballast	
Durazzo	26	3	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	440
Kirishima Maru [2]	3	3	Japan	Kokusai K. Kaisha	New York, N.Y.	Yokohama, Japan	Gen., cotton.	6,946
Flash [5]			Amer.	F. F. Hargy	Cristobal, C.Z.	Gatun, C.Z.	Ballast	
Sambu [2]	2		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sona [2]	2		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Tuira [2]	2		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Real [2]	2	3	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	50
Royal Arrow [1]	3	4	Amer.	Standard Oil Co.	Aruba, D.W.I.	Los Angeles, Cal.	Fuel oil	7,470
American	4	4	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Tacoma, Wash.	General	1,678
S-10 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
S-11 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
S-12 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
S-13 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Salvador	29	4	Brit.	Pacific Steam Nav.Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	738
Cathwood [1]	4	5	Amer.	Union Oil Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	
Pacific	4	4	Amer.	Weyerhaueser S.S. Co.	New York, N.Y.	Everett, Wash.	General	2,054
Willamette Valley. [2]	4	5	Brit.	Sir W.R. Smith & Sons	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,240
Istmo	3	5	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	250
Oakworth [2]	5	5	Brit.	Anglo-Can. Ship. Co.	Cardiff, England	Vancouver, B.C.	Ballast	
Nordhval [2]	5	5	Dan.	Chile Nit. Sales Corp.	New York, N.Y.	Tocopilla, Chile.	Ballast	
Dakotan	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,992
Roda [2]	4	5	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Talcahuano, Chile	General	5,701
El Aleto [1] [2]	5	5	Brit.	Anglo-Ecuad. Oil Co.	Antwerp, Belgium	La Libertad, Ecu.	Ballast	
Fernmoor [2]	5	5	Nor.	Fearnley & Eger	Tampico, Mexico	Moji, Japan	Cotton, gen.	6,781
Troilus	5	5	Brit.	Alfred Holt & Co.	Boston, Mass.	Shanghai, China.	General	4,251
Granville [2]	5	6	Pan.	Fred Olsen Line	Hull, England	Portland, Oreg.	([15])	3,863
Brynje [2]	6	6	Nor.	Canadian Transp. Co.	Galveston, Tex.	Vancouver, B.C.	Sulphur	4,200
Nicoline Maersk [2]	6	6	Dan.	Isbrandtsen Moller	Baltimore, Md.	Cebu, P.I.	General	4,858
Julia Luckenbach.	7	7	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,241
Danwood [2]	7	7	Nor.	Alf. Mohn	Albany, N.Y.	Vancouver, B.C.	Ballast	
Anniston City	7	7	Amer.	Isthmian S.S. Lines.	New York, N.Y.	Seattle, Wash.	Steel, gen.	7,555
President Hayes	8	8	Amer.	Dollar Line	New York, N.Y.	Los Angeles, Cal.	General	3,736
Pennsylvania	8	8	Amer.	Panama-Pacific Line.	New York, N.Y.	S. Francisco, Cal.	General	4,170
Stranger [6]	7		Amer.	Fred E. Lewis	N. London, Conn.	Los Angeles, Cal.	Ballast	
Port Hobart [2]	8	8	Brit.	Com'lth & Dom. Line.	London, England.	Auckland, N.Z.	General	3,674
Wales Maru	8	8	Jap.	Kawasaki S.S. Co.	New York, N.Y.	Osaka, Japan	([16])	7,200
Filleigh	8	8	Brit.	Atl. Ship. & Trad. Co.	Barry, England	Vancouver, B.C.	Ballast	
Santa Barbara [2]	7	9	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,356
Feltre [2]	7	8	Ital.	Nav. Lib. Triestina	Trieste, Italy	Vancouver, B.C.	General	2,174
Witell	7	8	Ger.	North German Lloyd.	Antwerp, Belgium	Vancouver, B.C.	General	4,839
St. Mihiel [8]	8	10	Amer.	U.S. Army	New York, N.Y.	S. Francisco, Cal.	General	450
Sutherland	8	9	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	1,865
Curaca	8	9	Amer.	Grace Line	New York, N.Y.	Talcahuano, Chile	Steel, gen.	4,657
King James [2]	9	9	Brit.	Dodd, Thomson & Co.	Cardiff, England	Vancouver, B.C.	Ballast	
California	8	9	Amer.	States S.S. Co.	Albany, N.Y.	Seattle, Wash.	General	3,977
Kansan	9	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,537
Lake Gorin	9	9	Amer.	Ford Motor Co.	Chester, Pa.	Richmond, Calif.	Auto. parts.	2,491
Canadian Challenger.	9	9	Brit.	Can. Nat. Steamships.	Montreal, Canada	Dunedin, N.Z.	General	4,259
Alexia [1] [2]	9	9	Brit.	Anglo-Saxon Pet. Co.	Rouen, France	Los Angeles, Cal.	Ballast	
Lieut. Col. H. C. Schumm. [4]			Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Winslow [5]			Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Santa Monica [2]	8	10	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	831
Hallingdal [2]	9	10	Nor.	Boes & Pedersen	New York, N.Y.	San Antonio, Chile	General	3,135
Sunoil [1] [2]	9	10	Amer.	Sun Oil Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	
Romsdalshorn	9	10	Nor.	Chile Nit. Sales Corp.	Bergen, Norway.	Tocopilla, Chile.	Ballast	
Cali	2	10	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	351

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [13] Maize, coffee, general. [14] For bananas and return to Cristobal. C.Z. [15] Paper, cement, general. [16] Cotton, sugar, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Reginolite [1] [2]	10	10	Brit.	Imperial Oil Co.	Caripito, Venez.	Tocopilla, Chile.	Fuel oil	12,005
Enoch [3]	10		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Gatun, C.Z. [13]		
Mercury Sun [1] [2]	10	12	Amer.	Atlantic Refining Co.	Philadelphia, Pa.	Los Angeles, Cal.	([14])	2,162
Mallard [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Turrialba	10	11	Amer.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R.P.	Ballast	
Andrea F. Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	87
Iddesleigh	11	11	Brit.	Chile Nit. Sales Corp.	Cardiff, England.	Arica, Chile	Ballast	
Manatawny [3]	11	12	Amer.	Bermuth & Lembcke.	New York, N.Y.	Los Angeles, Cal.	Creosote	7,534
Yomachichi [2]	11	11	Amer.	Roosevelt S.S. Co.	Philadelphia, Pa.	Frem'tle, Aus'lia.	General	6,693
Lapwing [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Pedro Miguel,C.Z.	Ballast	
Pacific President [2]	11	12	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	581
Sekstant	7	12	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	983
Svealand [2]	11	12	Swed.	Ore S.S. Corp.	Sparrows Pt.,Md.	Cruz Gr'de, Chile	Ballast	
Auris [1] [2]	12	12	Brit.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Tilthorn	12	12	Nor.	Chile Nit. Sales Corp.	Bergen, Norway.	Tocopilla, Chile.	Ballast	
Jane Christenson.	12	12	Amer.	McCormick S.S. Co.	Albany, N.Y.	Seattle, Wash.	General	4,394
Dallington Court.	12	12	Brit.	Canadian Transp. Co.	Tyne, England.	Vancouver, B.C.	Ballast	
Istmo	10	12	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	275
Trois Ilets	3	12	Fr.	French Line	Cristobal, C.Z.	Manta, Ecuador.	General	41
Dinteldijk [2]	12	13	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B.C.	General	2,549
Punta Arenas	13	13	Chile.	Chile-N. Amer. Line.	New York, N.Y.	Valparaiso, Chile.	General	3,475
Oregonian	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,015
Mary D	13	13	Amer.	Luckenbach Line	New Orleans,La.	Bellingham,Wash.	Ballast	
Foylebank [2]	13	13	Brit.	Bank Line, Ltd	Hopewell, N.J.	Yokohama,Japan	Nitrate soda.	6,000
Lavington Court.	13	15	Brit.	Can. Amer. Ship. Co.	Shields, England.	Vancouver, B.C.	Ballast	
Sambu [2]	12		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Real [2]	12		Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sona [2]	12	13	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Pedregal, R.P.	General	10
Harry Luckenbach	13	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,500
Spirila [1]	14		Brit.	Asiatic Pet. Co.	Curacao, D.W.I.	Balboa, C.Z.	Fuel oil	8,647
Marore	14	14	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
J. L. Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Autos., gen.	966
Armadale [2]	13	14	Brit.	Australian-Amer. Line	Philadelphia, Pa.	Adelaide, Aus'lia.	General	5,034
Oregon Express [2]	14	14	Nor.	Fruit Express Line	Cardiff, England.	N. Westm'er,B.C.	Ballast	
Strassa [2]	14	14	Swed.	Chile Nit. Sales Corp.	Sorel, Canada.	Iquique, Chile	Ballast	
Goslar	13	14	Ger.	North German Lloyd	Hamburg,Ger.	Chile	General	6,079
Geisha [2]	14	14	Nor.	Knut Knutsen	Copenhagen,Den.	Valparaiso, Chile.	General	1,764
Kongo Maru [2]	14	14	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Osaka, Japan	([15])	8,128
Constance Chandler.	14	15	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T.H.	General	1,228
Jacob Luckenbach	14	14	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,894
Snook [5]			Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	
Viking Star	14	15	Brit.	Blue Star Line	United Kingdom.	Vancouver, B.C.	Ballast	
Canadian Highlander.	14	15	Brit.	Can. Nat. Steamships.	Montreal,Canada	Melb'rne, Aus'lia	General	4,146
Eleanor Christenson.	15	15	Amer.	Sudden & Christensen.	Paulsboro, N.J.	Seattle, Wash.	General	4,064
Huntingdon	15	16	Brit.	Fed. Steam Nav. Co.	Newp't, England.	Bluff, N.Z.	General	11,880
North Haven	15	15	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	Ballast	
Nictheroy	15	15	Brit.	Royal Mail Lines	Liverpool, Eng.	Vancouver, B.C.	Ballast	
Tamaroa	15	16	Brit.	Shaw, Savill & Albion.	London,England	Auckland, N.Z.	General	4,190
Talamanca	15	16	Amer.	United Fruit Co.	Mobile, Ala.	S. Francisco, Cal.	General	248
Santa Lucia	14	16	Amer.	Grace Line	New York, N.Y.	SanAntonio,Chile	General	2,397
Santa Paula	15	16	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	General	3,495
Losada [2]	14	16	Brit.	Pacific Steam Nav.Co.	Hull, England	Magallanes, Chile	General	6,869

PACIFIC TO ATLANTIC

Rangitane [2]	15	16	Brit.	N.Z. Shipping Co.	Auckland, N.Z.	London, England	Frozen, gen.	7,005
Iowa	15	16	Amer.	States S.S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber,gen.	7,804
Awobasan Maru [2]	15	16	Jap.	Mitsui & Co.	Penang,Mal. Pen.	New York, N.Y.	General	5,601
Hanover	15	16	Amer.	Lykes Bros.-Ripley	Manila, P.I.	Baltimore, Md.	Copra, hemp	6,994
Talaralite [1]	15	16	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N.S.	Crude oil	4,105
Buffalo Bridge	16	16	Amer.	Pac.-Cont. Grain Co.	Vancouver, B.C.	Galveston Tex.	Wheat	4,623
Surrey	15	16	Brit.	FederalSteamNav.Co.	Dunedin, N.Z.	London, England	Frozen, gen.	6,421
Nordpol [2]	16	16	Dan.	Continental Grain Co.	Stockton, Calif.	Leith, Scotland	Barley	7,690
Jacob Luckenbach	16	16	Amer.	Luckenbach Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	8,279
Ohioan	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,961
Houston [12]	16	17	Amer.	U.S. Navy	San Diego, Calif.	Charleston, S.C.		
Portland [12]	16	17	Amer.	U.S. Navy	San Diego, Calif.	Baltimore, Md.		
Medon	16	17	Brit.	Alfred Holt & Co.	Kamchatka, Sib.	London, England	Can. salmon.	6,764
Lochgoil [2]	16	17	Brit.	Royal Mail Lines	Victoria, B.C.	Rotterdam, Neth.	Fruit, gen.	7,328
Santa Maria [2]	16	17	Amer.	Grace Line	SanAntonio,Chile	New York, N.Y.	General	5,002
Chaumont	16	19	Amer.	U.S. Navy	S. Francisco, Cal.	Norfolk, Va.	Stores	1,496
Sirius	16	18	Amer.	U.S. Navy	San Diego, Calif.	Norfolk, Va.	Supplies	3,037

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Minesweeper. [12] Cruiser. [13] For bananas and return to Cristobal, C.Z. [14] Gasoline and kerosene. [15] Cotton, copper, scrap iron, etc.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mobile City	16	17	Amer.	Isthmian S.S. Lines	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,429
W. M. Delphia [2]	16	18	Hon.	W. S. McNab	Amapala, Hond.	Castilla, Hond.	Salt	75
Mary D	16	17	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	5,147
J. L. Luckenbach	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,918
Charles R. McCormick.	17	17	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	9,393
Andrea F. Luckenbach.	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	13,417
Canadian Constructor.	17	18	Brit.	Can. Nat. Steamships.	Brisbane, Aus'lia.	Montreal, Canada	General	3,704
Villanger [2]	17	17	Nor.	Interocean S.S. Corp.	Vancouver, B.C.	London, England	Lumber, gen.	6,743
Portmar	17	17	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,683
Ranja [1] [2]	17	17	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [14]	Gasoline	8,744
Winslow [5]	17	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	Towing barge	.....
Filda [2]	17	18	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	General	8,732
J.A.Mowinckel [1] [2]	17	18	Pan.	Agwi Petroleum Corp.	Talara, Peru	Valloe, Norway.	Crude oil	16,196
Axel Johnson [2]	17	18	Swed.	Johnson Line	Honolulu, T.H.	Stockholm, Swed.	Fruit, gen.	4,812
Naruto Maru [2]	17	18	Jap.	Nippon Yusen Kaisha	Manila, P.I.	Baltimore, Md.	([15])	6,328
Edward Luckenbach.	18	18	Amer.	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	8,977
Romney	18	18	Brit.	Canadian Transp. Co.	Victoria, B.C.	Garston, Eng.	([16])	9,470
Point Sur	18	18	Amer.	Gulf-Pacific Line	Seattle, Wash.	Lake Charles, La.	General	4,164
Elizabeth Kellogg. [1]	18	18	Amer.	Kellogg S.S. Corp.	Manila, P.I.	New York, N.Y.	Coconut oil	7,500
Bronnoy [2]	18	19	Nor.	Canadian Transp. Co.	Vancouver, B.C.	London, England	Lumber, gen.	6,886
Manizales	19	20	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	1,005
Tuira [2]	19	20	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	58
Sambu [2]	19	20	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	20
Sona [2]	19	20	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	33
California Standard. [1] [2]	19	20	Amer.	Standard Oil Co.	El Segundo, Calif.	London, England	Gasoline	15,188
Real [2]	19	20	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	30
Mary Ann [13]	19	...	Amer.	U.S. Navy	Paraiso, C.Z.	Cristobal, C.Z.	.....	.....
City of Elwood [2]	19	20	Amer.	Roosevelt S.S. Co.	Keelung, Formosa	East coast, U.S.A.	Sugar, gen.	7,655
President Herrenschmidt. [1] [2]	19	20	Nor.	Pechelbronn	Talara, Peru	Antwerp, Belgium	Crude oil	13,001
Sunoil [1] [2]	19	20	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,595
Dalcroy	20	20	Brit.	Canadian Transp. Co.	Vancouver, B.C.	Montreal, Canada	Lumber, gen.	6,500
Wyoming	21	22	Fr.	French Line	Tacoma, Wash.	Rotterdam, Neth.	General	8,052
Santa Catalina [2]	21	27	Amer.	Grace Line	Pisco, Peru	Cristobal, C.Z.	Coffee, gen.	1,283
Hokuroku Maru [2]	21	21	Jap.	Osaka Shosen Kaisha.	Iloilo, P.I.	New York, N.Y.	General	5,948
EdwinChristenson	21	21	Amer.	Pac.-Cont'l Grain Co.	Vancouver, B.C.	Albany, N.Y.	Wheat	8,350
Vojvoda Putnik	21	21	Y-Slav.	Comp. Salitre, Chile.	Iquique, Chile	Azores [14]	([17])	8,700
Franz Klasen [1] [2]	21	21	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Hamburg, Ger.	Gasoline	16,955
Sacramento	21	22	Amer.	Nelson S.S. Co.	Los Angeles, Cal.	New York, N.Y.	General	7,320
Mercury Sun [1] [2]	21	21	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester Pa.	Gasoline	13,563
Mayan	20	22	Amer.	Panama Mail S.S. Co.	Champ'ico, Guat.	Cristobal, C.Z.	General	179
Maracay [1]	15	22	Brit.	Lago S.S. Co.	Balboa, C.Z.	Aruba, D.W.I.	Ballast	.....
John Jay	21	22	Amer.	Amer. Taukers Corp.	Portland, Oreg.	New York, N.Y.	([18])	10,750
Pennsylvania	21	22	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	8,399
Franklin K. Lane [1]	21	22	Amer.	Standard Ship. Co.	Talara, Peru	Montreal, Canada	Crude oil	9,587
Tyr [2]	21	22	Nor.	Anglo-Can. Ship. Co.	Vancouver, B.C.	Manchester, Eng.	([19])	6,450
Istmo	21	29	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	632
Pennsylvanian	22	22	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,439
Santa Barbara [2]	22	23	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	5,495
Seattle [2]	23	24	Ger.	Hamburg-Amer. Line	Vancouver, B.C.	Hamburg, Ger.	General	6,392
Horace Luckenbach.	22	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,348
Sveadrott [2]	22	23	Swed.	Stockholm Red'i Svea.	SanAntonio, Chile	London, England	Lumber, gen.	7,455
Modavia [2]	22	23	Brit.	Donaldson Bros.	Victoria, B.C.	Glasgow, Scot.	Lumber, gen.	5,656
Abangarez	23	23	Amer.	United Fruit Co.	Pto.Arm'les, R.P.	Mobile, Ala.	Bananas	800
Maine	23	23	Amer.	Isthmian S.S. Lines.	Honolulu, T.H.	Baltimore, Md.	([20])	9,573
Willesden	23	23	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	Lands End [14]	Sugar	7,475
Trois Ilets	23	28	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	96
Florence Luckenbach.	23	24	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	Mobile, Ala.	Lumber, gen.	6,935
Mexican	23	24	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	11,309
San Angelo	23	24	Amer.	States S.S. Co.	Olympia, Wash.	Albany, N.Y.	Lumber, gen.	7,524
Massmar	23	24	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,031
Vestvard [2]	24	24	Nor.	West Coast Line	Tocopilla, Chile.	Lake Charles, La.	Nitrate soda.	7,400
Flomar	24	24	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	5,436
All America	23	25	Amer.	All America Cables.	San Jose, Guat.	Cristobal, C.Z.	Sub. cable	280
Marie Bakke [2]	24	24	Nor.	Knut Knutsen, O.A.S.	Tocopilla, Chile.	Lands End [14]	([21])	7,715
Adventure [2]	23	29	Amer.	R. O. Shuey	Balboa, C.Z.	Cristobal, C.Z.	Ballast	.....
Svealand [2]	24	25	Swed.	Ore S.S. Corp.	Cruz Gr'de, Chile	Sparrows Pt., Md.	Ore	22,400
Willzipo	24	25	Amer.	Williams S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	10,000
Teal [10]	25	...	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....

[1] Tanker. [2] Motor ship. [5] Launch. [10] Minesweeper. [13] Craneboat. [14] For orders. [15] Raw silk, general. [16] Wheat, pulp, wood. [17] Nitrate of soda. [18] Lumber, wheat. [19] Grain, lumber. [20] Sugar, canned pineapples. [21] Nitrates, sulphate of soda.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
West Mahwah...	24	25	Amer..	McCormick S.S. Co..	Pt.Gamble,Wash.	Buenos Aires,Arg.	Lumber, gen.	3,804
Pacific Trader [2]...	25	26	Brit...	Furness, Withy & Co.	Vancouver, B.C..	London, England	General.....	8,144
Brimanger [2].....	25	26	Nor...	Interocean S.S. Corp.	Vancouver, B.C..	Rotterdam, Neth.	Wheat, gen.	6,746
Silverwillow [2]....	25	25	Brit...	Kerr S.S. Co.....	Belawan, Sum...	Calcutta, India..	General.....	7,734
Mauna Kea.....	24	25	Amer..	Matson S.S. Co.....	Hilo, T.H.....	Baltimore, Md...	([14])	8,000
Persephone [1] [2]...	25	25	Pan...	Standard Ship. Co...	Talara, Peru....	S'ampton, Eng..	Crude oil...	11,206
New Westminster City.	25	26	Brit...	Canadian Transp. Co.	Vancouver, B.C..	London, England	([15])	8,160
Belpamela [2].....	25	26	Nor...	Christen Smiths Co..	Taltal, Chile....	Azores [13].....	Nitrates....	4,203
Hartbridge.....	25	26	Brit...	Anglo-Can. S.S. Co...	Pt. Alberni, B.C.	Gr'mouth, Eng..	([16])	8,160
Felix Taussig....	25	26	Amer..	McCormick S.S. Co..	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	8,583
Iowan.....	25	26	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass....	General.....	8,250
Point Caleta.....	26	26	Amer..	Gulf-Pacific Line....	Portland, Oreg...	Panama City,Fla.	Lumber, gen.	5,724
Harpasa.....	26	26	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Alexandria,Egypt	Nitrate soda.	7,950
Saarland.....	26	27	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	Sugar, gen..	8,414
Durazzo.....	26	...	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z...	Cocoa, gen..	1,034
Iris.....	26	28	Neth..	Royal Neth. S.S. Co..	Guayaquil, Ecua.	Cristobal, C.Z...	General.....	737
Nora Maersk [2]...	26	27	Dan...	Maersk Line.....	Iloilo, P.I.....	Baltimore, Md...	([17])	8,429
San Bernardino...	26	27	Amer..	Quaker Line.....	Seattle, Wash....	New York, N.Y..	General.....	7,735
Damsterdijk [2]....	27	27	Neth..	Holland-Amer. Line..	Vancouver, B.C..	Rotterdam, Neth.	General.....	11,002
Patricia [2].....	27	30	Ger...	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger...	([18])	189
Hoyeisan Maru..	27	27	Jap...	Mitsui & Co.....	Otaru, Japan....	Liverpool, Eng..	([19])	7,471
Poseidon.....	27	28	Ger...	F. Laeisz.....	Cerro Azul, Chile	Hamburg, Ger...	General.....	9,038
Drakepool.....	27	27	Brit...	Pool S.S. Co.....	Pt. Alberni, B.C.	London, England	([16])	7,840
San Lucas.....	27	27	Amer..	Quaker Line.....	S. Francisco, Cal.	Philadelphia, Pa.	General.....	9,942
Tai Ping [2].....	27	28	Nor...	Barber Wilhelmsen...	Davao, P.I.....	Boston, Mass....	General.....	7,173
Marore.....	28	28	Amer..	Ore S.S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,525
Anadara [1] [2].....	27	28	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]...	Petroleum..	11,418
Claxton No. 140 [9].	28	28	Amer..	U.S. Navy.....	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
San Marcos.....	28	28	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,513
Alaska.....	28	30	Fr....	French Line.....	Talcahuano,Chile	Havre, France...	General.....	7,366
General Mosquera. [8]	9-22	29	Col....	Colombian Govt.....	B'ventura, Col...	Cartagena, Col..	.....	.....
Ontariolite [1] [2]...	28	28	Brit...	Imperial Oil Co.....	Cabo Bl'co, Peru.	Halifax, N.S.....	Crude oil...	12,260
Santa Paula.....	28	29	Amer..	Grace Line.....	S. Francisco, Cal.	New York, N.Y..	General.....	3,633
San Simeon.....	28	28	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Gen., lumber	6,867
President Cleveland.	29	29	Amer..	Dollar Line.....	Manila, P.I.....	New York, N.Y..	General.....	6,421
Amerika [2].....	28	29	Dan...	East Asiatic Co.....	Vancouver, B.C..	Copenhagen,Den.	General.....	8,466
Real [2].....	28	30	Pan...	A. Valdez.....	Bayano, R.P....	Cristobal, C.Z...	Bananas....	43
Motocarline [1] [2]..	28	29	Belg...	Standard Oil Co.....	Talara, Peru....	Aruba, D.W.I...	([20])	11,778
Arna [2].....	28	29	Nor...	Anglo-Can. S.S. Co...	Vancouver, B.C..	Boston, Mass....	([21])	6,248
Calmar.....	28	29	Amer..	Calmar S.S. Corp....	S. Francisco, Cal.	New York, N.Y..	Lumber, gen.	7,250
Norman Star....	29	29	Brit...	Blue Star Line.....	Seattle, Wash...	Buenos Aires,Arg.	([22])	3,959
Salvador.....	29	4	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C.Z...	General.....	87
S.C.T. Dodd [1]....	29	29	Amer..	Standard Oil Co.....	S. Francisco, Cal.	Providence, R.I..	Asphalt.....	9,708
Mataroa.....	29	30	Brit...	Shaw, Savill & Albion	Auckland, N.Z...	London, England	Frozen, gen.	4,727
Winslow [5].....	30	...	Amer..	U.S. Army.....	Balboa, C.Z.....	Cristobal, C.Z...	Towing barge	.....
King City.....	30	30	Brit...	W. R. Smith & Sons..	Vancouver, B.C..	Cardiff, Wales...	Gen., lumber	8,023
Chetopa.....	30	30	Amer..	Cargill Grain Co.....	Portland, Oreg...	Galveston, Tex..	Wheat.....	4,650
Nelson Traveler..	30	31	Amer..	Nelson S.S. Co.....	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	7,702
C.O. Stillman [1] [2].	30	31	Brit...	International Pet. Co.	Talara, Peru....	Halifax, N.S.....	Crude oil...	21,420
Margaret Johnson. [2]	31	31	Swed..	Johnson Line.....	Vancouver, B.C..	Stockholm, Swed.	Fruit.....	6,080
Turrialba.....	30	31	Amer..	United Fruit Co.....	Pto. Arm'les,R.P.	Mobile, Ala.....	Bananas....	1,410
Leme [2].....	30	31	Ital...	Nav. Libera Triestina	Vancouver, B.C..	Trieste, Italy....	Lumber, gen.	5,747
Pacific Pioneer [2]..	31	31	Brit...	Furness, Withy & Co.	Vancouver, B.C..	Glasgow, Scot...	([22])	8,362
Tacoma Star....	31	31	Brit...	Blue Star Line.....	N.Westm'er, B.C.	Newcastle, Eng..	Frozen, gen.	6,144
Santa Lucia.....	31	1	Amer..	Grace Line.....	SanAntonio,Chile	New York, N.Y..	General.....	5,038
California Express. [2]	31	31	Nor...	Fruit Express Line...	Vancouver, B.C..	Glasgow, Scot...	Fresh fruit..	1,814
San Diego.....	31	31	Amer..	States S.S. Co.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	5,490
Peter Kerr.....	31	31	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	8,800
Robert Luckenbach.	31	31	Amer..	Luckenbach Line....	Tacoma, Wash..	Boston, Mass....	Lumber, gen.	8,552
City of Dalhart [2].	31	31	Amer..	Roosevelt S.S. Co....	Adelaide, Aus'lia.	Baltimore, Md...	([23])	7,521
Eidsvold [2].....	31	1	Nor...	Kawasaki K. Kaisha.	Yokohama, Jap..	New York, N.Y..	Sugar, gen..	6,119
Canadian Britisher	1	2	Brit...	Can. Nat. Steamships.	Melb'rne, Aus'lia.	Montreal,Canada	Wool, gen...	1,516
Hindanger [2].....	1	1	Nor...	Interocean S.S. Corp.	Vancouver, B.C..	London, England	([24])	6,153
Paula.....	1	1	Dan...	West Coast Line.....	Valparaiso, Chile.	New York, N.Y..	Nitrates, gen	2,492
Hollywood.....	1	1	Amer..	McCormick S.S. Co..	Seattle, Wash...	Buenos Aires,Arg.	Lumber, gen.	5,734
Montgomery City	1	2	Amer..	Isthmian S.S. Lines..	Portland, Oreg...	Dublin, I.F.S....	Lumber, gen.	7,404
Amerikaland [2]....	1	2	Swed..	Ore S.S. Corp.....	Cruz Gr'de, Chile	New York, N.Y..	Iron ore....	21,700
Temple Bar.....	1	2	Brit...	Temple S.S. Co.....	Iquique, Chile...	Azores [13].....	Nitrates....	7,800
Real [2].....	2	3	Pan...	Elliot Ship.& Land Co.	Darien, R.P.....	Cristobal, C.Z...	Bananas....	35
Ditworth [1].....	1	2	Amer..	Shell Petroleum Co...	Los Angeles, Cal.	PerthAmboy,N.J.	Gasoline....	9,231

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [9] Destroyer. [13] For orders. [14] Sugar, canned pineapples. [15] Grain, lumber, general. [16] Lumber, grain. [17] Sugar, oils, general. [18] Coffee, skins. [19] Lumber, logs. [20] Gasoline, kerosene. [21] Lumber, shingles. [22] Fresh fruit, general. [23] Manganese, general. [24] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Point Clear	1	2	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	General	6,676
Sona [2]	2	3	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	30
Sambu [2]	1	3	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	20
Bodegraven	2	5	Neth.	Royal Neth. S.S. Co.	Talcahuano, Chile	Hamburg, Ger.	Nitrates, gen.	8,102
Tuira [2]	2	3	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	62
Petter [1] [2]	2	2	Nor.	International Pet. Co.	Talara, Peru	Port de Bouc, Fr.	Crude oil	14,312
Point Ancha	2	2	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	5,866
Cali	2	10	Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C.Z.	General	1,193
Baron Lovat	3	3	Brit.	Consorcio Argricola	Patache, Chile	Charleston, S.C.	Bird guano	5,500
San Francisco	3	4	Fr.	French Line	Vancouver, B.C.	Le Havre, France	([14])	6,381
K. R. Kingsbury [1]	3	3	Amer.	Standard Oil Co.	Los Angeles, Cal.	Tiverton, R.I.	Fuel oil	10,450
Gregalia	3	3	Brit.	Donaldson Bros.	Vancouver, B.C.	Glasgow, Scot.	Fruit, gen.	6,804
Trois Ilets	3	12	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	218
Istmo	3	5	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	624
Kentuckian	3	4	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	7,750
Laura	3	4	Dan.	T. Lauritzen	Portland, Oreg.	Haifa, Palestine	Fresh fruit	810
Santa Monica [2]	4	10	Amer.	Grace Line	Pisco, Peru	Pto. Colombia	General	1,319
El Oso [1]	3	4	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Ellesmere Pt., Eng	Crude oil	9,904
Benjamin Franklin. [2]	4	4	Nor.	Fred Olsen & Co.	Vancouver, B.C.	Oslo, Norway	Gen., wheat	8,335
Csarda	4	7	Hung.	Anglo-Hungarian	Iquique, Chile	Azores [13]	Nitrates	6,020
San Ubaldo	4	4	Brit.	Cia. Mex. el Aguila	Valparaiso, Chile.	Pto. Mexico, Mex.	Ballast	.....
West Cape	4	4	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,373
Perene	4	4	Peru	Peruvian Line	Callao, Peru	Iquitos, Peru	General	616
Orazio [2]	4	5	Ital.	Italia Line	Valparaiso, Chile.	Geno, Italy	General	2,178
California	4	5	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	8,936
Pluviose [1]	4	5	Fr.	Raffinerie de Berre	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,075
Point Salinas	4	5	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla	Lumber, gen.	6,960
Golden Kauri	5	5	Amer.	Swayne & Hoyt	S. Francisco, Cal.	Mobile, Ala.	Lumber, gen.	7,225
Aller	5	6	Ger.	North German Lloyd	Corral, Chile	Hamburg, Ger.	General	10,716
Santa Inez [2]	5	6	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	3,189
Lena Luckenbach.	5	5	Amer.	Luckenbach Line	Seattle, Wash.	Mobile, Ala.	General	6,690
Victor Ross [1] [2]	6	6	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	16,264
Delphoi	5	6	Greek.	Anglo-Can. Ship. Co.	Vancouver, B.C.	Hull, England	([15])	7,000
Suwied	5	6	Amer.	Kerr, Gifford & Co.	Portland, Oreg.	Mobile, Ala.	Wheat	4,464
Asosan Maru [2]	5	6	Jap.	Mitsui Bussan Kaisha.	Manila, P.I.	Boston, Mass.	Sugar, gen.	7,277
Abangarez	6	6	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,150
Kurama Maru [2]	6	7	Jap.	Kokusai Kisen Kaisha	Manila, P.I.	New York, N.Y.	Silk, gen.	6,834
Charles Christenson.	6	6	Amer.	Arrow Line	Seattle, Wash.	Jacksonville, Fla.	Lumber	7,600
Winslow [5]	6	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	Towing barge	.....
Lautaro [2]	1	7	Brit.	Pacific Steam Nav.Co.	Corral, Chile	Hull, England	Copper, gen.	8,610
Trontolite [1] [2]	7	7	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Gasoline	7,521
Sekstant	6	12	Nor.	Grace Line	Camp'ico, Guat.	Cristobal, C.Z.	General	179
Cape Horn [2]	6	7	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate soda.	8,973
Everleigh	6	7	Brit.	Anglo-Canadian Co.	Vancouver, B.C.	London, England.	([16])	8,955
Soyo Maru [2]	6	7	Japan.	Kawasaki K. Kaisha.	Iloilo, P.I.	New York, N.Y.	Silk, general.	6,279
Schwaben	6	8	Ger.	North German Lloyd.	Vancouver, B.C.	Hamburg, Ger.	General	9,556
Sanyo Maru [2]	7	7	Japan.	Osaka Shosen Kaisha	Cebu, P.I.	Baltimore, Md.	General	5,214
Zrinski	7	7	Y-Slav.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [13]	Nitrate soda.	8,400
Paris City	7	7	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B.C.	S'ampton, Eng.	([15])	8,800
Gothic Star	7	8	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	5,871
Lieut. Col. H. C. Schumm. [4]	7	...	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Hermonthis [2]	7	8	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,960
Lochkatrine [2]	8	9	Brit.	Royal Mail Lines	Vancouver, B.C.	Rotterdam, Neth.	Frozen, gen.	9,992
Benlawers	8	8	Brit.	Wm. Thomson & Co.	Dairen, China	Hamburg, Ger.	General	7,615
Alaskan	8	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	8,022
President de Vogue. [1] [2]	8	8	Nor.	Raffineries de Berre	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,698
Nitro	7	9	Amer.	U.S. Navy	San Diego, Calif.	Norfolk, Va.	Navy stores.	877
Cellina [2]	8	10	Ital.	Nav. Lib. Triestina	Vancouver, B.C.	Trieste, Italy	General	3,734
Killerig	9	12	Pan.	Merritt-Chap. Scott	El Salvador	Kingston, Jam.	Ballast	.....
Intrepid [2]	30	9	Amer.	Transportation Prod.	Victoria, B.C.	N. London, Conn.	Ballast	.....
Koranton	9	9	Brit.	Montreal Ship. Co.	Vancouver, B.C.	London, England.	Wheat	9,800
Manizales	9	11	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	964
Devon City [2]	9	10	Brit.	Reardon-Smith Line.	Vancouver, B.C.	Cardiff, England.	General	8,364
Nordstjernan [2]	9	10	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	General	6,208
Charles Nelson	10	10	Amer.	Nelson S.S. Co.	Pt. Angeles, Wash.	Baltimore, Md.	Gen., lumber	6,192
Evinos	10	10	Greek.	S. Livanos & Co.	Tocopilla, Chile	Azores [13]	Nitrates	8,200
Istmo	10	12	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	639
Nemanja	10	11	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrates	7,720
Orduna	11	12	Brit.	Pacific Steam Nav.Co.	Talcahuano, Chile	Liverpool, Eng.	General	7,401
Lillian Luckenbach.	10	11	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	9,845
Atlanticos	10	11	Greek.	Seaboard Lumber Co	N.Westm'er, B.C.	London, England.	Lumber	6,270
Roanoke [1]	11	11	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N.J.	Kerosene	9,103
Norne [2]	11	11	Nor.	British Phos. Com.	Ocean Is., So.Seas	Kotka, Finland	Phosphate	6,000
Santa Rosa	11	12	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,659
Steelore	12	12	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] For orders. [14] Lumber, fruit, general. [15] Lumber, wheat. [16] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Acajutla	11	18	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C.Z...	General	172
Real [2]	12	13	Pan...	A. Valdes	Bayano, R.P.	Cristobal, C.Z...	Bananas	48
Sambu [2]	12	13	Pan...	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z...	Bananas	18
Sona [2]	12	13	Pan...	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z...	Bananas	36
Timber Rush	12	12	Amer..	Shepard S.S. Co.	Everett, Wash.	Albany, N.Y.	Lumber, gen.	7,426
Portland [2]	12	13	Ger...	Hamburg-Amer. Line.	Vancouver, B.C.	Hamburg, Ger...	General	6,493
K. I. Luckenbach.	12	12	Amer..	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	8,382
Britta [1] [2]	12	12	Nor...	Arth. H. Mathieson	Los Angeles, Cal.	Azores [13]	Gasoline	8,655
Hawaiian	12	13	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	6,961
Warlaby	12	13	Brit...	Anglo-Can. Ship. Co.	Vancouver, B.C.	Chatham, Eng.	([14])	8,080
Chester Sun [1] [2]	13	13	Amer..	Sun Oil Co.	El Segundo, Cal.	Chester, Pa.	Gasoline	13,155
Santa Clara	13	13	Amer..	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	5,685
Heranger [2]	13	13	Nor...	Interocean S.S. Co.	Vancouver, B.C.	London, England.	([15])	7,012
Lapwing [4]	13	...	Amer..	U.S. Navy	Pedro Miguel,C.Z	Cristobal, C.Z.	.....	.....
Chr. Knudsen [2]	13	14	Nor...	Anglo-Can. Ship. Co.	Port Alberni, B.C	England	([14])	7,703
Tigre [2]	13	14	Nor...	Can. Shipping Co.	Portland, Oreg.	Stockholm, Swed.	Wheat, gen.	7,671
Iris	13	16	Neth..	Royal Neth S.S. Co.	Guayaquil, Ecua.	Pto. Colombia	General	425
Willkeno	14	14	Amer..	Amer.-Hawaiian Line.	Bellingham,Wash	Newburg, N.Y.	Lumber, gen.	10,006
Golden Harvest	14	14	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	Sugar, gen.	6,851
Nagara Maru [2]	14	15	Jap...	Nippon Yusen Kaisha.	Hongkong, China	Baltimore, Md.	General	5,292
Steel Voyager	14	14	Amer..	Isthmian S.S. Lines.	Hilo, T.H.	Baltimore, Md.	General	7,860
Deroche [1]	14	14	Amer..	Union Oil Co.	Los Angeles, Cal.	Tiverton, R.I.	([16])	11,000
Madoera [2]	14	15	Neth..	Silver Java-Pac. Line.	Vancouver, B.C.	Beira, P.E.A.	Lumber, gen.	6,944
Moldanger [2]	14	15	Nor...	Interocean S.S. Corp.	Vancouver, B.C.	Rotterdam, Neth.	Gen., grain	8,700
S-10 [7]	15	...	Amer..	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
S-12 [7]	15	...	Amer..	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
S-11 [7]	15	...	Amer..	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
S-13 [7]	15	...	Amer..	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Shinko Maru [2]	14	16	Jap...	Kawasaki K. Kaisha.	Keelung, Japan	Charleston, N.C.	General	4,983
Hanley	15	15	Amer..	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Norfolk, Va.	([17])	11,256
Nyhorn [2]	15	15	Nor...	Knutsen Line	Vancouver, B.C.	Manchester, Eng.	Gen.,lumber	6,256
Chincha	15	16	Amer..	Grace Line	Tocopilla, Chile.	Wilmington, N.C.	Nitrates	4,750
Pacific Shipper [2]	15	16	Brit...	Furness, Withy & Co.	Victoria, B.C.	Glasgow, Scot.	General	8,105
Turrialba	15	15	Amer..	United Fruit Co.	Pto.Arm'les, R.P.	New York, N.Y.	Bananas	1,482

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [13] For orders. [14] Wheat, lumber. [15] Wheat, lumber, general. [16] Gasoline, solvent. [17] Grain, pulp, lumber.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of 1934 and 1935

The following is a comparison of traffic at the Suez and Panama Canals for the first nine months of 1934 and 1935:

Month	Suez Canal Number of transits 1934	Suez Canal Number of transits 1935	Suez Canal Percent decrease	Panama Canal Number of transits 1934	Panama Canal Number of transits 1935	Panama Canal Percent decrease
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
August	463	503	[1] 8.6	401	395	1.5
September	468	531	[1] 13.5	435	391	10.1
Total	4,196	4,347	[1] 3.6	3,963	3,734	5.8

	Suez Canal Tolls collected 1934	Suez Canal Tolls collected 1935	Suez Canal Percent decrease	Panama Canal Tolls collected 1934	Panama Canal Tolls collected 1935	Panama Canal Percent decrease
	Thousands of francs			*Thousands of dollars*		
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
August	69,930	71,640	[1] 2.4	1,907	1,757	7.9
September	67,860	73,410	[1] 8.2	1,948	1,781	8.6
Total	636,460	650,930	[1] 2.3	18,171	16,663	8.3

[1] Denotes increase.

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Volume XXIX. Balboa Heights, C.Z., December 15, 1935. No. 5.

Holiday Greetings

BALBOA HEIGHTS, C.Z., *December 20, 1935.*

It gives me pleasure to extend to the personnel of The Panama Canal and the Panama Railroad Company, to the patrons and friends of the Canal and Railroad, and to the people of the Republic of Panama sincere good wishes for a merry Christmas and a happy and prosperous New Year.

I take this opportunity of expressing the appreciation of the Panama Canal administration for the loyalty and cooperation of our employees and the good will of our patrons throughout the year now drawing to a close.

J. L. SCHLEY,
Governor, The Panama Canal.
President, Panama Railroad.

Traffic Through the Panama Canal in November 1935

The total vessels of all kinds transiting the Panama Canal during the month of November 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	November 1933	November 1934	November 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	432	469	214	204	418
Local commercial vessels [1]	42	44	20	24	44
Noncommercial vessels:					
United States Government	34	38	20	14	34
Byrd expedition	1	.....	.....	.....	.....
Total	509	551	254	242	496

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended November 30, 1935, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1933-34	1934-35	1933-34	1934-35	1933-34	1934-35	1933-34	1934-35
December	476	443	2,616,777	2,331,250	2,191,245	2,089,310	2,203,319.45	1,952,192.57
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	2,159,642.48	1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
Total	5,375	5,036	29,256,117	26,745,351	26,002,087	24,603,483	24,609,449.88	22,376,192.45

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels[2] for November 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	95	520,850	454,460	Netherlands	11	55,611	48,624
Chilean	2	7,351	9,074	Norwegian	43	201,891	213,628
Danish	12	53,398	45,083	Panamanian	15	36,112	35,195
French	9	53,250	55,866	Peruvian	1	1,640	616
German	24	99,044	105,140	Spanish	1	4,547	.....
Greek	6	26,941	35,690	Swedish	7	34,238	38,293
Hungarian	1	3,111	6,020	United States	164	904,406	839,829
Italian	5	36,798	12,143	Yugoslav	3	12,755	24,500
Japanese	19	113,616	126,371	Total	418	2,165,559	2,050,422

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, November 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	60	340,227	178,602	53	311,425	430,872
East coast United States and:						
Canada	6	27,875	4,200	2	9,649	14,003
Central America	4	13,395	.....	4	13,395	5,827
South America	14	68,039	29,212	13	55,086	115,862
Hawaiian Islands	2	10,128	3,277	2	9,542	15,760
Australasia	3	18,394	17,871	1	5,076	7,660
Philippine Islands	9	56,509	50,359	6	38,127	41,219
Far East	17	94,226	115,859	5	28,128	26,710
Canadian intercoastal	2	10,683	8,184	.....	.....	.....
East coast Canada and:						
United States	1	4,322	1,332	.....	.....	.....
South America	2	12,103	.....	1	4,455	7,521
Australasia	2	8,769	8,415	3	13,767	7,329
Central American intercoastal	1	5,077	7,005	.....	.....	.....
East coast Central America and:						
South America	.....	.....	.....	1	4,069	.....
South American intercoastal	7	17,991	27,139	4	7,479	3,734
East coast South America and:						
United States	2	9,513	13,037	2	9,976	9,940
Canada	1	5,010	6,148	.....	.....	.....
Far East	1	5,798	4,455	.....	.....	.....
Cristobal and:						
United States	1	7,477	58	.....	.....	.....
Central America	5	9,533	3,335	4	4,094	668
South America	7	4,496	2,404	9	5,935	7,083
West Indies and:						
Central America	1	6,895	7,470	.....	.....	.....
South America	2	3,082	240	1	4,728	8,674
Balboa	1	4,352	8,647	.....	.....	.....
Europe and:						
United States	9	46,640	20,074	3	11,187	16,869
Canada	25	141,494	37,005	50	273,316	363,998
South America	18	108,759	39,587	28	153,227	243,654
Australasia	7	59,530	27,961	7	49,509	49,894
Far East	.....	.....	.....	3	14,454	24,212
Foreign vessels in ballast (United States intercoastal)	1	3,965	.....	.....	.....	.....
Around the world	2	19,757	8,080	2	13,970	14,681
Vessels not engaged in commerce[3]	1	966	.....	.....	.....	.....
Total	214	1,124,985	634,402	204	1,040,574	1,416,020

[3] Yacht.

Origin and Destination of Cargo by Major Areas, November 1935

The following table summarizes the origin of cargo passing through the Canal in November 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	186,338	13,076	158,800	25,574	18,882	402,670
Other North America	4,789	32,967	8,401	9,459	11,078	66,694
Europe	50,927	9,812	.....	38,591	24,287	123,617
Miscellaneous	14,266	371	2,131	24,562	91	41,421
Total	256,320	56,226	169,332	98,186	54,338	634,402

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	441,927	10,141	160,852	7,456	620,376
Canada	1,378	528	218,044	8,052	228,002
Other North America	19,108	682	49	.....	19,839
South America	113,308	29,978	242,531	641	386,458
Australasia	12,430	2,625	49,808	.....	64,863
Asia	67,300	4,951	24,212	19	96,482
Total	655,451	48,905	695,496	16,168	1,416,020

Principal Commodities

Commodities which aggregated 10,000 or more tons either during November 1935 or in November 1934 are listed below:

Commodity	November		Commodity	November	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Asphalt and tar	17,242	1,871	Canned goods, various	78,697	96,604
Automobiles and accessories	18,066	20,538	Coffee	7,768	10,052
Canned goods, various	13,300	11,545	Cold storage (food products) [4]	32,028	20,625
Chemicals	7,239	11,365	Copra	5,796	12,600
Coal and coke	5,597	10,377	Cotton, raw	8,154	11,602
Corn	14,348	5,744	Flour	23,233	28,955
Cotton, raw	50,720	57,253	Fruit, dried	25,047	63,614
Iron and steel	90,631	103,173	Fruit, fresh [5]	26,509	36,353
Metals, various	13,635	10,702	Guano	10,250	5,500
Nitrates	5,217	12,230	Lumber	152,119	225,958
Oils, mineral	78,214	68,459	Metals, various	46,116	48,312
Ores	7,379	28,830	Nitrates	82,735	114,466
Paper	28,012	30,560	Oils, mineral	498,218	202,864
Phosphates	21,908	16,435	Oils, vegetable	7,592	12,626
Scrap metal	106,328	20,942	Ores, principally iron	70,546	91,952
Sulphur	19,321	11,777	Potash	10,162	5,365
Tinplate	12,915	12,445	Sodium compounds	10,265	796
			Soy beans	50,162	13,364
Pacific to Atlantic			Sugar	141,496	60,867
Barley	33,926	14,162	Wheat	169,049	124,445
Beans	8,655	22,794	Wood pulp	8,434	15,393
Borax	9,115	10,800			

[4] Exclusive of fresh fruit. [5] Not including bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of November 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	4	7
Agricultural implements	932	.....	2,705	91
Alfalfa meal	.....	532	.....	1,020
Ammonium compounds	648	.....	3,532	13
Animal foods [6]	202	184	207	329
Apparel, wearing (hats, shoes, clothing, etc.)	83	.....	83	103
Asbestos	477	.....	935	.....
Asphalt and tar	153	27	1,871	562
Automobiles (and autotrucks)	2,524	4	9,813	24
Automobile parts and accessories	2,915	18	10,725	20
Bamboo and products	.....	.....	.....	259
Bags and bagging, textile	134	33	662	288
Bananas	.....	.....	.....	73,999
Barks, miscellaneous	47	33	244	235
Barley	.....	1,016	.....	14,162
Beans, edible, dry	641	8,220	672	22,794
Beer	177	.....	225	22
Beverages, nonalcoholic	.....	11	5	11
Blood and tankage	.....	.....	.....	322
Bones and bone meal	.....	35	2,267	195
Books and printed matter	111	.....	114	.....
Borax	.....	1,413	.....	10,800
Bran and pollards	192	550	192	7,392
Bricks and tile	200	7	570	42
Canned and preserved goods:				
Fish	614	12,551	1,279	16,339
Fruit	709	33,829	958	57,142
Meat	117	157	553	502
Milk	14	169	299	615
Soup	2,480	137	2,562	147
Vegetables	863	6,218	1,084	6,654
Miscellaneous and unclassified	3,805	8,452	4,810	15,205
Carbon black	211	.....	1,188	.....
Celite	.....	475	.....	506
Cement	394	525	6,962	543
Chalk	.....	.....	1,721	.....
Charcoal	70	.....	100	.....
Chemicals [6]	3,037	1,789	11,365	1,954
Clay, china and fire	196	909	801	1,033
Clay, filtering	.....	107	.....	384
Coal	38	.....	6,029	362
Cocoa and cacao beans	109	1,089	1,070	2,111
Coconuts and products [6]	136	1,303	262	1,303
Coffee	61	139	5,583	10,052
Coke	.....	.....	4,348	.....
Cold storage and refrigerated products:				
Dairy products	231	106	409	11,509
Eggs	.....	89	.....	500
Fish	123	.....	332	1,137
Lard	284	.....	321	35
Meats	.....	261	100	6,091
Vegetables	.....	20	.....	97
Other and unclassified	125	.....	137	1,256
Confectionery	957	11	1,014	47
Copra	.....	.....	.....	12,509
Copra meal and cake	.....	.....	.....	91
Corn	.....	.....	5,744	250
Cotton, raw	84	505	57,253	11,602
Creosote	7,534	.....	7,534	.....
Drugs and medicines	1,045	117	1,226	162
Dyes	.....	.....	428	.....
Earthenware	31	.....	107	.....
Electrical apparatus and appliances	591	712	737	744
Explosives	1	110	135	113
Extract, quebracho	.....	.....	544	.....
Fertilizers [6]	933	354	4,799	620
Fish meal	.....	1,798	.....	5,646
Floor coverings	1,340	336	1,320	727
Flour	345	24,956	1,667	28,955
Fruit, dried	23	21,281	169	63,614
Fruit, fresh [6]	137	3,126	531	36,353
Furniture and household goods	1,481	106	1,494	127
General	18,366	7,687	53,283	16,406
Glass and glassware	2,914	601	5,952	1,158
Glue	73	133	99	164

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Groceries	459	292	668	438
Guano				5,500
Gums		4		78
Grain, other [6]		6,535	759	6,770
Hair, all kinds	20	54	116	148
Hay		569		787
Hemp, unmanufactured		114	61	2,191
Honey		330		424
Horns and hoofs				67
Infusorial earth	460	433	460	1,063
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	59,996	581	103,173	646
Ivory nuts			491	2,576
Jute, unmanufactured			525	
Lard substitute	357		469	
Lime			262	
Liquors	4,615	145	5,975	337
Lumber (including manufactured mill products)	3,444	108,621	3,885	225,958
Machinery	3,550	2,644	9,669	2,804
Malt			50	75
Manufactured goods [6]	1,261	755	2,555	3,479
Marble and granite	60		267	
Matches	128	49	146	56
Metals:				
Antimony				682
Copper	261	6,558	3,171	27,057
Gold and silver				859
Iron	1,984		5,764	
Lead	42	870	762	7,562
Tin		31	40	1,114
Zinc	45		853	9,490
Other and unclassified	100	23	112	1,548
Milk, powdered		149	2	434
Molasses and syrups	220		230	8,527
Nitrates	2,690		12,230	114,466
Nuts, edible (including meats)	119	1,336	415	1,822
Oats	420	4,863	420	6,317
Oils, mineral:				
Crude				87,912
Gas and fuel	40	20,830	47,271	22,728
Gasoline, benzine and naphtha	8	47,106	2,723	67,969
Kerosene		18,545	26	23,124
Lubricating and greases	6,554	950	18,439	1,066
Other and unclassified		65		65
Oils, vegetable:				
Coconut			5	5,679
Cottonseed				36
Linseed	101	17	344	22
Olive	35		568	
Rapeseed		57		1,098
Wood				3,194
Other and unclassified	226	62	931	2,597
Oil, fish	16	742	148	939
Oil, whale			27	83
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	271	811	726	3,161
Oilseed cake and meal		80		6,212
Ores:				
Antimony		111		468
Chrome				2,600
Copper	500		500	1,776
Gold and silver			16,211	1,528
Iron			115	72,560
Lead				1,917
Magnesite		1,534		1,534
Manganese	2,000	43	2,101	53
Tin				5,029
Zinc	22		5,807	1,968
Other and unclassified		24	4,096	2,519
Paints and varnishes	1,476	205	2,991	225
Paper and paper products [6]	7,965	6,697	29,480	7,496
Paper, scrap		8	1,080	194
Peanuts	779	50	779	50
Peas, dry		70		315
Peatmoss	100		573	
Phosphates	110		16,435	6,000
Plaster			521	
Porcelainware	347	624	799	4,501
Potash		5,323	462	5,365
Pyrethrum flowers		54		267
Rags and waste	252	734	865	1,945

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Railroad material	10	.....	2,445	.....
Rice	1,383	335	3,861	2,099
Rope and twine	347	80	521	91
Rosin	1,643	67	4,386	67
Rubber:				
Manufactured	1,042	144	1,943	287
Raw	.....	181	.....	8,962
Scrap	.....	3	.....	155
Salt	117	187	3,158	212
Sand	1,030	.....	2,763	20
Scrap metal	178	447	20,942	1,404
Seeds (except oilseeds)	231	429	690	1,974
Shells, oyster	414	.....	414	86
Silk, raw	.....	742	.....	2,379
Skins and hides	361	2,839	1,000	5,582
Slag	.....	.....	480	.....
Slate	997	.....	997	.....
Soaps and products	1,703	68	1,758	310
Soda and sodium compounds:				
Soda ash	1,901	.....	2,009	726
Soda, caustic	536	.....	2,462	.....
Miscellaneous and unclassified	.....	.....	.....	70
Soya beans	49	.....	49	13,364
Sugar	9	20,857	1,021	60,867
Sulphur	7,542	.....	11,777	1
Talc	27	92	27	116
Tallow	.....	744	.....	3,014
Tea	62	245	192	2,403
Textiles [7]	4,180	194	9,842	4,216
Tinplate	315	200	12,445	224
Tobacco and manufactures	755	15	3,865	66
Toilet preparations	333	41	354	41
Turpentine	84	.....	891	.....
Vegetables, dry [6]	.....	.....	28	79
Wall board	72	326	571	406
Wax, paraffin	108	.....	788	96
Wheat	53	17,054	303	124,445
Wines	934	2,050	1,214	2,874
Wood pulp	.....	11,558	1,442	15,393
Wool	17	1,090	1,076	5,656
Total, November 1935	186,338	441,927	634,402	1,416,020
Total, November 1934	170,366	585,916	683,434	1,655,567
Total, November 1933	150,819	660,564	476,941	1,471,714

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of November 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	33,188	9,696	8	44,299	[8] 86,481
East coast United States and:						
Hawaiian Islands	.....	.....	.....	1	4,293	[9] 7,900
East coast Canada and South America	1	7,711	.....	1	4,455	7,521
Central American intercoastal	1	5,077	7,005	.....	.....	.....
East coast Central America and:						
South America	.....	.....	.....	1	4,069	.....
South American intercoastal	2	10,791	24,106	.....	.....	.....
West Indies and:						
Central America	1	6,895	7,470	.....	.....	.....
South America	.....	.....	.....	1	4,728	8,674
Balboa	1	4,352	8,647	.....	.....	.....
Europe and:						
United States	4	26,648	.....	1	4,231	8,655
South America	1	4,882	.....	7	44,778	87,912
Total	17	99,544	56,924	20	110,853	207,143

[8] Includes 7,534 tons creosote. [9] Molasses.

Comparison of Canal Traffic in November 1935, with November Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of November			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[10] 86	313	447	1915	[11] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	142	436	512	1917	145	483	588
1917	174	585	695	1918	165	547	627
1918	174	509	626	1919	162	510	576
1919	172	597	575	1920	199	712	781
1920	231	929	985	1921	232	950	966
1921	218	942	855	1922	222	951	907
1922	290	1,337	1,427	1923	325	1,550	1,631
1923	430	2,193	2,218	1924	429	2,179	2,249
1924	374	1,872	1,962	1925	382	1,904	1,996
1925	417	2,028	2,023	1926	424	2,064	2,169
1926	404	2,030	2,271	1927	441	2,184	2,311
1927	540	2,590	2,488	1928	521	2,453	2,468
1928	519	2,467	2,500	1929	524	2,485	2,554
1929	510	2,497	2,533	1930	502	2,497	2,502
1930	464	2,370	2,262	1931	447	2,314	2,089
1931	365	2,001	1,577	1932	364	1,968	1,650
1932	365	2,035	1,531	1933	347	1,900	1,513
1933	432	2,394	1,949	1934	436	2,379	2,059
1934	469	2,546	2,339	1935	432	2,317	2,109
1935	418	2,166	2,050	([12])	418	2,219	2,047

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 11 months of calendar year 1935.

Terminal Activities

Ships repaired during the month of November 1935 numbered 53, including 7 which were drydocked. Fuel oil in the quantity of 317,793 barrels was delivered as bunkers to 126 commercial ships. Bunker coal amounting to 3,911 tons was delivered to 19 commercial ships.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ..... tons..	40,943	29,114	70,057
Local cargo arriving ..... tons..	21,689	9,130	30,819
Local cargo shipped ..... tons..	5,331	611	5,942
Cargo received for transshipment ..... tons..	39,606	1,090	40,696
Cargo transshipped ..... tons..	35,640	1,086	36,726
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	.....	7
Number of releases issued	61	11	72
Tons received	9	.....	9
Tons withdrawn	78	7	85

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	489	2,941,732	1,852,604	451	2,712,032	1,609,876
Vessels entering port but not transiting Canal.	62	324,971	185,095	15	52,388	29,753
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	136	885,843	516,796	101	717,280	417,245
Ships clearing						
All vessels, including those transiting Canal..	480	2,913,009	1,834,753	450	2,691,736	1,602,200
Vessels clearing port but not transiting Canal	56	293,139	167,294	15	52,388	29,753
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	135	902,378	524,623	101	717,280	417,245

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, November 15, 1935, to midnight, December 15, 1935. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Calamares, 1,029, 299
Colombia, 174, 356
Virgilio, 95, 0
Costa Rica, 0, 748
Leticia, 63, 45
Cerigo, 918, 559
Cristobal, 0, 642
San Clemente, 283, 8
Alabama, 31, 172
Wisconsin, 284, 9
Tirpitz, 0, 166
Tacoma, 362, 133
Osnabruck, 117, 102
Naruto Maru, 0, 448
Mantilla, 4,942, 0
Solhavn, 886, 0
Abraham Lincoln, 0, 47½
Quirigua, 175, 247
Elbe, 98, 141
Santa Catalina, 1,360, 2
Delftdijk, 55, 152
Istmo, 390, 322
Musa, 4, 0
Canada, 77, 168
Santa Rita, 32, 22
Nariva, 0, 439
San Diego, 102, 198
Contessa, 143, 545
Jacob Christensen, 0, 947
Mayan, 170, 600¼
Bokoop, 25, 222
Middlesex, 80, 0
Iris, 3, 6
San Felipe, 39, 0
Katsuragi Maru, 453, 0
Antofagasta, 173, 0
Lagarto, 55, ½
Santa Inez, 731, 500
Canadian Planter, 0, 552
Peten, 137, 36
Tivives, 698, 215
Buenaventura, 1,555, 508
Santa Catalina, 126, 602
Hokkai Maru, 997, 93
Simon Bolivar, 261, ½
Trois Ilets, 266, 106
Argentina, 7, 71
Rhakotis, 96, 246
Husvik, 175, 0
Davisian, 197, 13
Reina del Pacifico, 65, 169
Haiti, 99, 709
Toloa, 726, 528
Albert H., 1¾, 0
Este, 183, 479
Durazzo, 1,076, 316
President Johnson, 4, ½
Envoy, 1, 0
Arizona, 771, 0
Washington, 0, 58
Leticia, 36, 113
Peten, 55, 507
Europa, 0, 3
Tricolor, 426, 0
Pasajero, 0, 8
Istmo, 310, 167
San Antonio, 93, 316
Santa Elena, 155, 1
Odysseus, 176, 174
Narenta, 253, 95
Phrygia, 14, 705
Amapala, 197, 624
Salvador, 160, 400
Santa Maria, 370, 45
Ancon, 2,532, 568
Canadian Cruiser, 1½, 156
Santa Clara, 210, 57
Santa Rosa, 79, 133
Sacramento, 125, 0
Veragua, 293, 62
Bennekom, 267, 92
Metapan, 617, 226
Iowa, 103, 22¾
West Ivis, 35½, 32
Pastores, 75, 711
Ulua, 622, 101½
Nansenville, 25, 0
De La Salle, 88, 1,507
Palatia, 38, 377
Cali, 963, 0
Fella, 425, 338
Montreal Maru, 650, 0
Mantilla, 4,226, 0
Jamaica Progress, 0, 257
President Taft, 307, 0
Cordillera, 550, 30
Feodosia, 205, 99
Simon Bolivar, 8, 870
Elfi, 0, 349
Erlangen, 100, 468
Velma Lykes, 1,432, 376
Mary V., 3½, 6½
Yuri Maru, 2, 0
Veragua, 440, 59
Santa Monica, 2,000, 0
San Angelo, 306, 0
Orbita, 14, 102
Elsie M., 2, 0
Istmo, 440, 174
Santa Barbara, 150, 315
Karnak, 3, 0
Buenos Aires, 1, 114
Rialto, 168, 0
Contessa, 114, 407
Mauna Loa, 152, 0
Sekstant, 345, 684
Nebraska, 42, 264
Santa Rita, 390, 194
San Simeon, 33, 0
San Jose, 612, 109
Dusseldorf, 76, 132
Heimvard, 0, 426
Cacique, 175, 427
Santa Marta, 1,090, 133
Custodian, 198, 156
Iris, 377, 471
Kano Maru, 435, 31
Santa Monica, 18, 1,152
Guayaquil, 2,054, 862
Quirigua, 306, 230
Cali, 117, 526
Nelson Traveler, 90, 0
Larry Doheny, 10,910, 0
Calamares, 1,022, 91
Colombia, 239, 781
Canadian Constructor, 169, 63
Trois Ilets, 272, 15
Pasajero, 0, 59
Oakland, 111, 130
Selandia, 0, 1
Wyoming, 134, 292
Odysseus, 463, 0
Kwanto Maru, 773, 57½
Seattle, 410, 410
Cerigo, 1,134, 301
Maimoa, 45, 0
Santa Paula, 290, 1
Envoy, 1½, 0
Weser, 118, 189
Cordillera, 72, 1,575
Amapala, 427, 607
Crynssen, 3, 6
Alkmaar, 68, 1,279
Santa Lucia, 557, 63¼
Cristobal, 3,612, 68
Acajutla, 489, 416
San Lucas, 229, 0
Canada, 29, 0
Iris, ½, 189
Lochgoil, 206, 12
Santa Maria, 293, 9
Peten, 246, 33
Santa Elena, 201, 108
Sixaola, 642, 478
Jamaica Producer, 0, 329
Virgilio, 6, 58
Knute Nelson, 0, 68
Annie Johnson, 0, 90
Tuira, 60, 54
Laurits Swenson, 22, 0
Istmo, 527, 311
Platano, 528, 0
Nojima Maru, 743, 0
Laguna, 60, 254
Toloa, 321, 296½
Haiti, 246, 1,042
Crijnssen, 0, 964
Pasajero, 0, 12
Manizales, 1,210, 0
Magallanes, 292, 441
Loreto, 74, 164
Tillie Lykes, 520, 143
Peter Maersk, 187, 79

BALBOA

El Mirlo, 12,077, 0
Chaumont, 0, 3
Tacoma, 158, 58
Istmo, 58, 0
Chateau Thierry, 543, 118
Mayan, 0, 4
Santa Catalina, 0, 64
Canada, 1,599, 0
West Ira, 475, 10
California, 20, 115
Vega, 206, 4
Santa Inez, 254, 52
Santa Catalina, 2, 144
President Johnson, 11, 0
Antigua, 421, 227
Tricolor, 328, 0
Istmo, 249, 0
San Antonio, 259, 0
Este, 90, 138
Santa Elena, 256, 1
Mayan, 10, 16
Ludington, 731, 3
Akaroa, 19, 0
Salvador, 2, 0
President Cleveland, 22, 0
Neches, 5,701, 0
Takaoka Maru, 66, 0
Santa Clara, 272, 214
Santa Rosa, 88, 11
Fella, 184, 0
Nansenville, 3, 0
Chiriqui, 504, 173
West Notus, 2,663, 0
Istmo, 117, 0
Santa Monica, 0, 2
Santa Barbara, 15, 19
Sekstant, 1, 0
Tosca, 58, 0
President Monroe, 38, 0
Santa Rita, 279, 171
Virginia, 0, 97
Rangitiki, 19, 0
Cacique, 5, 0
Talamanca, 195, 52
Santa Monica, 0, 73
Santa Paula, 432, 4
Santa Lucia, 20, 0
Chateau Thierry, 315, 18
Acajutla, 1, 0
Spirila, 8,258, 0
El Mirlo, 11,830, 0
Alkmaar, 97, 42
Santa Maria, 3,306, 0
Santa Elena, 75, 0
Santa Maria, 102, 1
Laurits Swenson, 2, 0
Istmo, 183, 0
Antigua, 302, 0
Peter Maersk, 165, 0

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,950; embarking 1,472; at Balboa, 721 disembarking and 906 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,671; from the Pacific to the Atlantic, 2,431. Aircraft numbering 37 entered Cristobal, and 119 passengers disembarked; clearances were 39, with 121 passengers embarking; at Balboa entries of aircraft were 19, with 51 passengers disembarking; clearances, 19, with 33 passengers embarking.

First Hungarian Vessel Transits in November

The first ship of Hungarian registry to pass through the Panama Canal transited November 4; the steamship *Csarda*, 3,111 Panama Canal net tons, cargo nitrates, 6,020 tons, from Iquique to Azores for orders.

Movements of Ocean Vessels Through the Panama Canal

From midnight November 15, 1935, to midnight December 15, 1935

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Chaumont [8]	15	18	Amer.	U.S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	528
Ethan Allen	15	16	Amer.	Lykes Bros.-Ripley	Houston, Tex.	Manila, P.I.	Cotton, gen.	7,343
Steel Seafarer	15	16	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Singapore, St.Set.	General	8,159
Oakmar	16	16	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	5,373
Point Lobos	16	16	Amer.	Gulf-Pac. Mail Line	Mobile, Ala.	Seattle, Wash.	General	4,190
Columbian	16	16	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	1,313
Awobasan Maru [2]	16	16	Jap.	Mitusi & Co.	New York, N.Y.	Moji, Japan	Cotton, rosin	7,634
Annetta I. [3]	-22	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Enoch [3]	...	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.	.....	.....
Virgilio [2]	16	17	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile	General	410
Steel Trader	16	17	Amer.	Isthmian S.S. Lines	Portland, Me.	Seattle, Wash.	Gen. steel	8,033
Swiftpool	17	17	Brit.	Sir R. Ropner & Co.	Tyne, England	Vancouver, B.C.	Ballast	.....
Nordbo [2]	17	17	Dan.	Anglo-Can. S.S. Co.	Hull, England	Vancouver, B.C.	Ballast	.....
Manizales	15	17	Ger.	North German Lloyd	Pto. Colombia	Guayaquil, Ecua.	([15])	1,040
Sidney M. Hauptman.	17	17	Amer.	McCormick S.S. Co.	New York, N.Y.	Tacoma, Wash.	Gen., steel	4,057
Tacoma	16	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	6,589
All America [13]	17	18	Amer.	All America Cables	Kingston, Jam.	Callao, Peru	Sub. cable	240
Tirpitz	17	18	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Shanghai, China	Cotton	5,939
Sambu [2]	16	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real [2]	16	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Portland [12]	18	19	Amer.	U.S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Houston [12]	18	21	Amer.	U.S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Cingalese Prince [2]	18	18	Brit.	Prince Line, Ltd.	Boston, Mass.	Hongkong, China	General	4,250
Naruto Maru [2]	17	18	Jap.	Nippon Yusen Kaisha	New York, N.Y.	Kobe, Japan	General	6,937
Gracia	18	18	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B.C.	General	694
Acajutla	12	18	Brit.	Pacific Steam Nav.Co.	Cristobal, C.Z.	Cham'ico, Guat.	General	629
San Clemente	17	18	Amer.	Quaker S.S. Line	New York, N.Y.	Tacoma, Wash.	General	4,146
Gertrude Maersk [2]	18	18	Dan.	A. P. Moller	Boston, Mass.	Cebu, Phil. Is.	General	7,148
Santos Maru [2]	18	18	Jap.	Osaka Shosen Kaisha	Montevideo, Urug	Kobe, Japan	Coffee, gen.	4,455
Hokuroku Maru [2]	18	18	Brit.	Osaka Shosen Kaisha	New York, N.Y.	Kobe, Japan	General	6,647
Alabama	17	18	Fr.	French Line	Havre, France	Talcahuano, Chile	General	269
Leticia [3]	16	18	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P	General	55
Bordeaux Maru	19	19	Jap.	K. Line	Galveston, Tex.	Kobe, Japan	([16])	7,382
Herman F. Whiton	19	19	Amer.	Texas Gulf Sulph. Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,240
Musa	19	19	Pan.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P	Ballast	.....
Istmo	18	19	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	350
Amerikaland [2]	19	19	Swed.	Ore S.S. Corp.	New York, N.Y.	Cruz Gr'de, Chile	Ballast	.....
Point Gorda	19	19	Amer.	Gulf-Pacific Line	Mobile, Ala.	Seattle, Wash.	General	1,656
San Diego	19	20	Fr.	French Line	Havre, France	Vancouver, B.C.	General	7,107
Annetta I. [3]	19	20	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	El Real, R.P.	Ballast	.....
Canada [2]	19	21	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	([17])	5,124
Ohican	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,109
India [2]	20	20	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B.C.	Ballast	.....
Altuna Mendi	20	21	Span.	Sir Ramon de la Sota	Bilbao, Spain	Taltal, Chile	Ballast	.....
Strymon	20	20	Greek.	Livanos Co.	Liverpool, Eng.	Peru	Ballast	.....
Haxby	20	20	Brit.	Anglo-Can. S.S. Co.	Baltimore, Md.	Vancouver, B.C.	Ballast	.....
Boskoop	20	20	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	3,557
Elmbank [2]	20	20	Brit.	Andrew Weir & Co.	Baltimore, Md.	Vancouver, B.C.	Ballast	.....
Jacob Christensen	19	20	Nor.	Chile de Nav. Inter.	New York, N.Y.	Corral, Chile	General	1,758
Fernlane [2]	20	20	Nor.	Fearnley & Eger	Mobile, Ala.	Osaka, Japan	Cotton	4,709
Edward Luckenbach.	20	21	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,633
Port Denison	20	21	Brit.	Com'lth & Dom. Line.	London, England	Brisbane, Aus'lia.	([18])	6,144
Chickasaw City	20	21	Amer.	Isthmian S.S. Lines	New York, N.Y.	Hilo, T.H.	General	2,049
Edwin Christenson.	21	21	Amer.	Sudden & Christenson	Jacksonville, Fla.	Seattle, Wash.	Steel, general	2,379
Penrith Castle [2]	21	21	Brit.	Barber Line	Boston, Mass.	Kobe, Japan	([19])	5,376
Somersby	21	21	Brit.	Chile Nit. Sales Corp.	Barry, England	Tocopilla, Chile	Ballast	.....
Iris	21	21	Neth.	Royal Neth. S.S. Co.	Cartagena, Col.	B'ventura, Col.	General	63
San Felipe	21	21	Amer.	Quaker Line	Norfolk, Va.	Seattle, Wash.	([20])	2,458
Port Wyndham [2]	21	21	Brit.	Com'lth & Dom. Line.	London, England.	Bluff, N.Z.	General	4,314
K. R. Kingsbury [1]	22	22	Amer.	Standard Oil Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	.....
California	22	23	Amer.	Panama-Pac. Line	New York, N.Y.	S. Francisco, Cal.	General	3,434
Lycia [2]	18	22	Brit.	Lyle Shipping Co.	Habana, Cuba	Antof'gasta, Chile	Ballast	.....
Vega [14]	20	25	Amer.	U.S. Navy	Norfolk, Va.	Puget Sd., Wash.	General	2,580
Point Arena	22	23	Amer.	Swayne & Hoyt	New Orleans, La.	Tacoma, Wash.	General	1,996
Vancolite [1 2]	23	23	Brit.	Imperial Oil Co.	Montreal, Canada	Talara, Peru	Ballast	.....
Santa Inez [2]	22	23	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile	General	1,987
Pennsylvanian	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,067
Lancaster	23	23	Amer.	Weyerhaeuser S.S. Co.	New York, N.Y.	Everett, Wash.	Steel, general	3,889
Ontariolite [1 2]	23	23	Brit.	Imperial Oil Co.	Halifax, N.S.	Antof'gasta, Chile	Fuel oil	12,101
Reina del Pacifico. [2]	23	24	Brit.	Pacific Steam Nav.Co.	Liverpool, Eng.	Talcahuano, Chile	General	3,229
President Johnson	24	25	Amer.	Dollar Line	New York, N.Y.	Round the world	General	4,344

[1] Tanker. [2] Motor ship. [3] Motor schooner. [8] Transport. [12] Cruiser. [13] Cable ship. [14] Auxiliary. [15] General, beer, maiz. [16] Phosphates, cotton, ammonium. [17] Paper, general, coffee. [18] Paper, oil, general. [19] Scrap steel, general. [20] Pipe, autos, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Cerigo	16	24	Ger...	Hamburg-Amer. Line.	Cristobal, C.Z...	Guayaquil, Ecua.	General	518
Platano	23	25	Pan...	United Fruit Co.	New York, N.Y..	Pto. Arm'les, R.P	Ballast	.....
Santa Catalina [2]	22	25	Amer..	Grace Line	Pto. Colombia...	Pisco, Peru	General	897
Rhakotis [2]	23	24	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General	4,809
Washington [2]	24	24	Fr....	French Line	Havre, France...	Vancouver, B.C..	General	58
Tercero [2]	24	25	Nor...	Wessel, Duval & Co..	Canada	SanAntonio,Chile	General	4,027
Mayan	19	25	Amer..	Grace Line	Cristobal, C.Z...	Champ'ico, Guat.	General	771
Este	24	25	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B.C..	General	4,861
John Bakke [2]	24	25	Nor...	Knut Knutsen	Philadelphia, Pa.	Vancouver, B.C..	Ballast	.....
Pacific Grove [2]	25	25	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B.C..	General	831
Sonnavind [2]	24	25	Nor...	Anglo-Can. S.S. Co...	Montreal,Canada	Vancouver, B.C..	Ballast	.....
Leticia [3]	24	25	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Pto.Arm'les, R.P.	Gen., gas	105
S. C. T. Dodd [2]	25	26	Amer..	Standard Oil Co.	Tampico, Mex...	Los Angeles, Cal.	([13])	7,005
Istmo	25	26	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	B'ventura, Col...	General	200
Hopecrest [2]	25	26	Brit...	Canadian Transp. Co.	Montreal,Canada	Tacoma, Wash...	General	8,184
Fernbank [2]	26	26	Nor...	Fern Line	New Orleans, La.	Yokohama, Jap..	Cotton, gen.	4,791
Genota [1] [2]	26	26	Neth..	Asiatic Pet. Co.	Plymouth, Eng..	Los Angeles, Cal.	Ballast	.....
Mobile City	26	26	Amer..	Isthmian S.S. Lines...	Portland, Me...	Tacoma, Wash...	([14])	4,538
Flomar	26	26	Amer..	Calmar S.S. Corp.	New York, N.Y..	Seattle, Wash...	Ballast	.....
Florence Luckenbach.	26	26	Amer..	Luckenbach Line	Houston, Tex...	Seattle, Wash...	General	3,359
Wildwood	26	26	Amer..	Shepard S.S. Co.	New York, N.Y..	Seattle, Wash...	General	4,215
Ludington [8]	23	27	Amer..	U.S. Army	Brooklyn, N.Y...	Honolulu, T.H.	General	4,326
Narenta	26	27	Brit...	Royal Mail Lines	London, England.	Vancouver, B.C..	([15])	1,756
Willhilo	27	27	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash...	General	3,089
Real [2]	26	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
Sambu [2]	26	..	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
Lieut. Col. H. C. Schumm. [4]	..	..	Amer..	U.S. Army	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
President Cleveland.	28	29	Amer..	Dollar Line	New York, N.Y..	Manila, P.I	General	2,407
Rangitane [2]	28	28	Brit...	N.Z. Shipping Co.	London, England	Wellington, N.Z.	General	3,903
Horace Luckenbach.	28	28	Amer..	Luckenbach Line	Boston, Mass...	Seattle, Wash...	General	3,043
Venice Maru	28	28	Jap...	Kawasaki K. Kaisha..	New York, N.Y..	Kobe, Japan	Phos., cotton	7,810
Victoria City	28	28	Brit...	Promexport, Moscow.	Lenin'd, U.S.S.R.	Tacoma, Wash..	Gold ore	7,971
Vinland [2]	28	28	Nor...	Knutsen Line	Baltimore, Md...	Los Angeles, Cal.	Ballast	.....
Evros	26	28	Greek.	Livanos Brothers	Cardiff, England.	Arica, Chile	([16])	4,720
Munsterland [2]	28	29	Ger...	Hamburg-Amer. Line.	Galveston, Tex..	Kobe, Japan	Cotton	4,935
J. Fred Talbot [9]	27	...	Amer..	U.S. Navy	Guantan'o, Cuba.	Balboa, C.Z	Ballast	.....
Tattnall [9]	28	...	Amer..	U.S. Navy	Guantan'o, Cuba.	Balboa, C.Z	Ballast	.....
Tudor Star	29	29	Brit...	Blue Star Line	Liverpool, Eng...	Vancouver, B.C..	Ballast	.....
Skramstad [2]	29	29	Nor...	Fern Line	Houston, Tex...	Mike, Japan	Cotton, lead.	6,912
Santa Clara	28	30	Amer..	Grace Line	New York, N.Y..	SanAntonio,Chile	General	2,821
Wichita [2]	29	29	Amer..	Roosevelt S.S. Co.	Baltimore, Md...	Hongkong, China	General	6,278
Santa Rosa	29	30	Amer..	Panama Mail S.S. Co.	New York, N.Y..	S. Francisco, Cal.	Coffee, gen.	2,874
Sacramento	29	29	Amer..	Nelson Line	Newark, N.J	Seattle, Wash...	General	3,555
Heina [2]	30	30	Nor...	Continental Grain Co.	Cor. Brook, Nfld.	Los Angeles, Cal.	([17])	1,332
Iowan	30	30	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Portland, Oreg...	General	3,566
Iowa	30	30	Amer..	States S.S. Co.	Philadelphia, Pa.	Portland, Oreg...	General	3,265
West Ivis	30	30	Amer..	McCormick S.S. Co...	BuenosAires, Arg.	Vancouver, B.C..	Gen., coffee	6,148
Neches [1]	29	30	Amer..	U.S. Navy	Cristobal, C.Z...	San Diego, Calif.	Ballast	.....
California Standard. [1] [2]	30	30	Amer..	Standard Oil Co.	London, England	S. Francisco, Cal.	Ballast	.....
Nansenville [2]	30	30	Nor...	Fred Olsen Line	Hull, England...	Vancouver, B.C..	General	3,722
Palatia [2]	30	1	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Champ'ico, Guat.	([18])	4,177
Trois Ilets	22	1	Fr....	French Line	Cristobal, C.Z...	B'ventura, Col...	General	96
Tacoma City	30	1	Brit...	Reardon-Smith Line..	New Orleans, La.	Moji, Japan	Scrap, cotton	7,780
Portmar	30	1	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash...	Steel, general	6,453
Chas. R. McCormick.	1	1	Amer..	McCormick S.S. Co...	New York, N.Y..	Tacoma, Wash...	General	4,175
City of Manila	1	2	Brit...	Hall Line	Philadelphia, Pa.	Frem'tle, Aus'lia.	General	6,902
Turrialba	30	2	Amer..	United Fruit Co.	New York, N.Y..	Pto. Arm'les,R.P.	Ballast	.....
Dunelmia	1	1	Brit...	Metcalf Shipping Co.	New York, N.Y..	Vancouver, B.C..	Ballast	.....
England Maru	1	1	Jap...	Kokusai K. Kaisha..	Pt. Alfred, Can..	Osaka, Japan	Scrap iron	7,152
Durazzo	23	1	Ger...	Hamburg-Amer. Line.	Cristobal, C.Z...	Guayaquil, Ecua.	General	317
Tuira [2]	30	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
Sambu [2]	30	..	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
Real [2]	30	1	Pan...	Elliot Ship.& Land Co.	Cristobal, C.Z...	Pto. Arm'les,R.P.	General	39
Lieut. Col. H. C. Schumm. [4]	30	...	Amer..	U.S. Army	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
Salvador	26	2	Brit...	Pacific Steam Nav.Co.	Cristobal, C.Z...	Champ'ico, Guat.	General	399
Soyo Maru [2]	1	2	Jap...	Kawasaki K. Kaisha..	Baltimore, Md...	Los Angeles, Cal.	Ballast	.....
S-10 [7]	...	...	Amer..	U.S. Navy	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
S-11 [7]	...	...	Amer..	U.S. Navy	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
S-12 [7]	...	...	Amer..	U.S. Navy	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....
S-13 [7]	...	...	Amer..	U.S. Navy	Cristobal, C.Z...	Balboa, C.Z	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [7] Submarine. [8] Transport. [9] Destroyer. [13] Bulk and case oil. [14] Steel products, general. [15] China clay and general. [16] Coal brickets and coal. [17] Newsprint paper. [18] Cement, iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mallard [10]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Tasmania [2]	30	2	Dan.	Weskralian Farmers	Galveston, Tex.	Frem'tle, Aus'lia.	Sulphur	7,236
Erlangen	1	2	Ger.	North German Lloyd.	Bremen, Ger.	Valparaiso, Chile.	General	6,405
Elfi	1	2	Nor.	Elliot Ship.& Land Co.	Manuare, Colom.	Tumaco, Colom.	Salt	630
Silversandal [2]	1	2	Brit.	Ker S.S. Co.	New York, N.Y.	Manila, P.I.	(13)	3,364
Agire Mendi	2	2	Span.	Sota & Aznar	Cardiff, England	Iquique, Chile	Ballast	.....
City of Dunkirk	2	3	Brit.	Bucknall Line	Montreal,Canada	Shanghai, China	General	3,327
Enoch [3]	...	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.	(14)	.....
Motor Sailer	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Neptunian [2]	2	3	Brit.	W. A. Soutar & Co.	Baltimore, Md.	Vancouver, B.C.	Ballast	.....
Annetta I [2]	26	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Pan Europe [1] [2]	2	3	Nor.	Huasteca Pet. Co.	Bowling, England	Talara, Peru	Ballast	.....
San Angelo	2	3	Amer.	States S.S. Co.	Albany, N.Y.	Tacoma, Wash.	General	2,304
Inapaquina [2]	3	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Ankara	3	3	Nor.	A. S. Sobral	Sydney, N.S.	Paita, Peru	Steel rails	4,654
Willzipo	3	3	Amer.	Williams S.S. Co.	Baltimore, Md.	Seattle, Wash.	General	2,800
Stelvio [1] [2]	3	3	Ital.	Nav. Alta Italia	Genoa, Italy	Los Angeles, Cal.	Ballast	.....
Mexican	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,437
Rialto [2]	3	4	Ital.	Nav. Lib. Triestina	Trieste, Italy	Vancouver, B.C.	General	695
Helen Whittier	4	4	Amer.	Matson Nav. Co.	New York, N.Y.	Honolulu, T.H.	Tinp'te, gen.	1,885
Lackenby	4	4	Brit.	Empire Shipping Co.	Newport, Eng.	Vancouver, B.C.	Ballast	.....
Asuka Maru [2]	4	4	Jap.	Nippon Yusen Kaisha	New York, N.Y.	Kobe, Japan	Cotton, gen.	8,657
Ferncliff [2]	3	4	Nor.	Fern Line	New Orleans, La.	Moji, Japan	Cotton, oil	4,104
Steelmaker	4	4	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Vancouver, B.C.	General	5,604
Southern Sun [1] [2]	4	5	Amer.	Motor Tankship Corp.	Chester, Pa.	El Segundo, Cal.	Ballast	.....
Point Clear	5	5	Amer.	Swayne & Hoyt	Galveston, Tex.	Seattle, Wash.	Sulphur	4,300
Sanyo Maru [2]	5	5	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	Gen., auto.	7,541
Anglo Saxon	5	5	Brit.	Lawther, Latta & Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Cornwallis	5	5	Brit.	Can. Nat. Steamships	Montreal, Can.	Wanganui, N.Z.	Paper, gen.	3,387
Enoch [3]	3	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [15]	.....	.....
Lijero [5]	...	...	Pan.	Wm. H. Tunner	Cristobal, C.Z.	Gatun, C.Z.	Ballast	.....
President Monroe	6	6	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	Autos, gen.	3,624
California Express. [2]	5	6	Nor.	Fruit Express Line	Glasgow, Scot.	Vancouver, B.C.	Ballast	.....
Virginia	6	6	Amer.	Panama-Pacific Line.	New York, N.Y.	S. Francisco, Cal.	General	2,680
Northumberland	5	6	Brit.	N.Z. Shipping Co.	Liverpool, Eng.	Auckland, N.Z.	General	6,422
San Simeon	5	6	Amer.	Quaker Line	New York, N.Y.	Seattle, Wash.	General	2,310
Robert Luckenbach.	6	6	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	2,955
Troutpool	6	6	Brit.	Anglo-Can. Ship. Co.	Dunston, Eng.	Vancouver, B.C.	Ballast	.....
Carrillo	6	6	Amer.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Santa Rita [2]	5	7	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,735
Segundo [2]	6	6	Nor.	S. Helter Sorensen	Savannah, Ga.	Los Angeles, Cal.	Ballast	.....
Villanger [2]	6	6	Nor.	Interocean S.S. Co.	Rotterdam, Neth.	Seattle, Wash.	General	1
Heimvard [2]	5	6	Nor.	Isbrandtsen Moller Co.	Baltimore, Md.	Manila, P.I.	General	6,383
Cacique	6	7	Amer.	Grace Line	Philadelphia, Pa	Talcahuano,Chile	Gen., explo's	2,759
Arantzazu Mendi.	6	7	Span.	Sota & Aznar	Barry, England	Arica, Chile	Ballast	.....
Pacific Enterprise. [2]	7	7	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	1,133
Tairoa	7	7	Brit.	Shaw, Savill & Albion	Glasgow, Scot.	Dunedin, N.Z.	General	5,693
Kentuckian	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,154
Shinko Maru [2]	7	7	Jap.	Kawasaki K. Kaisha	Charleston, S.C.	Japan	Ballast	.....
Nelson Traveler	7	7	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	2,583
Canadian Constructor.	7	8	Brit.	Can. Nat. Steamships	Montreal, Can.	Wellington, N.Z.	General	4,556
Istmo	2	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura,Colom.	General	200
Musa	7	9	Pan.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Deroche [1]	7	8	Amer.	Union Oil Co.	Paulsboro, N.J.	Los Angeles, Cal.	Ballast	.....
Glaucus	8	8	Brit.	Ocean S.S. Co.	Montreal, Can.	Kobe, Japan	General	7,194
Santa Monica [2]	6	8	Amer.	Grace Line	Pto. Colombia	Pisco, Peru	General	1,177
Sedgepool	8	8	Brit.	Sir R. Ropner & Co.	Barry, England	Vancouver, B.C.	Ballast	.....
Paula	8	8	Dan.	West Coast Line	New York, N.Y.	Talcahuano,Chile	General	1,037
Wyoming	8	8	Fr.	French Line	Dunkerque, Fr.	Vancouver, B.C.	(16)	6,952
Amsterdam	8	8	Neth.	Standard Ship. Co.	London, England	Talara, Peru	Ballast	.....
City of Florence.	8	9	Brit.	Ellerman & Bucknall.	Pt. Alfred, Can.	Adelaide, Aus'lia.	General	5,313
Athelfoam [1] [2]	8	9	Brit.	United Molasses Co.	London, England	La Libertad, Ecu.	Ballast	.....
Anglo Colombian.	9	9	Brit.	Promexport, Moscow.	Lening'd, U.S.S.R	Tacoma, Wash.	Gold ore	9,094
King Edward	9	9	Brit.	Eagle Oil Co.	Barry, England	Adelaide, Aus'lia.	(17)	6,351
Odysseus	8	...	Neth.	Royal Neth. S.S. Co.	Pto. Barrios, Guat	Balboa, C.Z.	Drydocking	.....
Sekstant	3	9	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	701
Nogoya	9	9	Brit.	Royal Mail Lines	Barry, England	Vancouver, B.C.	Ballast	.....
Cali	6	9	Ger.	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	General	611
Seattle [2]	8	9	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	7,493
Breda	9	9	Neth.	Royal Neth. S.S. Co.	Amsterdam, Neth	Arica, Chile	Ballast	.....
Steelore	9	10	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Vestvard [2]	10	10	Nor.	Long Island M.& E.Co	New Orleans, La.	Yawata, Japan	Scrap iron	7,002
Alaskan	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,105

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Fertilizer, general. [14] Towing E. J. Hooper No. 2. [15] For bananas and return to Cristobal. [16] Chalk, sand, coke, etc. [17] Asphalt and lubricating oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nordfarer [2]	10	10	Dan.	West Indian Trad. Co.	Aalborg, Den.	B'ventura, Col.	Cattle, cem't	2,055
Massmar	10	11	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,598
Hanover	11	11	Amer.	Lykes Bros.Ripley Co.	Galveston, Tex.	Cebu, P.I.	Gen., cotton.	6,906
Christy Payne [1]	11	11	Amer.	Shell Oil Co.	New York, N.Y.	Los Angeles, Cal.	Ballast	.....
Jonna	11	11	Dan.	J. Lauritzen	Barry, England.	Puntarenas, C.R.	Ballast	.....
Chateau Thierry [8]	11	..	Amer.	U.S. Army	New York, N.Y.	Balboa, C.Z.	General	692
Alkmaar	11	12	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Talcahuano,Chile	General	3,883
Columbia Maru [2]	11	12	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Seikoshin, Japan.	Phos. rock	8,091
Felix Taussig	11	12	Amer.	McCormick S.S. Co.	Albany, N.Y.	Tacoma, Wash.	General	3,727
City of Elwood [2]	12	12	Amer.	Roosevelt S.S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	Autos, gen.	3,643
Lillian Luckenbach.	12	12	Amer.	Luckenbach Line	New York, N.Y.	Seattle, Wash.	General	3,082
Canada [2]	12	12	Dan.	East Asiatic Co.	Copenhagen,Den.	Vancouver, B.C.	General	211
Koln	12	12	Ger.	North German Lloyd.	Bremen, Ger.	Adelaide, Aus'lia.	General	8,210
Bronnoy [2]	12	12	Nor.	Anglo-Can. Ship. Co.	London, England	Vancouver, B.C.	Ballast	.....
Iris	12	12	Neth.	Royal Neth. S.S. Co.	Cartagena, Col.	B'ventura, Col.	General	210
San Lucas	12	12	Amer.	Quaker Line	Norfolk, Va.	Portland, Oreg.	([15])	3,201
Enoch [3]	12	..	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [14]	.....	.....
Winslow [5]	..	..	Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Towing barge	.....
Lochgoil [2]	12	13	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B.C.	General	981
Ciudad de Cucuta. [13]	13	13	Colom.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Chas. Christenson.	12	13	Amer.	Sudden & Christenson	Chester, Pa.	Seattle, Wash.	General	3,402
Fernhill [2]	13	13	Nor.	Fern Line	Corpus Ch'ti,Tex.	Osaka, Japan.	Lead, zinc	5,890
Point Sur	13	13	Amer.	Gulf-Pacific Line	Mobile, Ala.	Tacoma, Wash.	General	2,731
Santa Maria [2]	12	14	Amer.	Grace Line	New York, N.Y.	S. Antonio, Chile.	General	3,043
Uffington Court	13	13	Brit.	Canadian Transp. Co.	Pt. Royal, Jam.	Vancouver, B.C.	Ballast	.....
Chilore	13	13	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Elena	13	14	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Coffee, gen.	2,417
Tai Ping [2]	13	13	Nor.	Barber Wilhelmsen.	Savannah, Ga.	Moji, Japan.	([16])	8,085
Talaralite [1]	13	14	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	([17])	2,745
Taybank [2]	14	14	Brit.	Andrew Weir & Co.	Baltimore, Md.	Shanghai, China	General	5,804
Emden [1 2]	14	15	Ger.	German Government	LaGuayra,Venez.	Guayaquil, Ecua.	Ballast	.....
Hansa [1 2]	7	15	Ger.	John J. Essberger	Pt.-au-Prince,Ha.	Guayaquil, Ecua.	Fuel oil	7,000
Lewis Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	78
Laurits Swenson [2]	14	15	Nor.	Fred Olsen & Co.	Oslo, Norway.	Vancouver, B.C.	General	3,555
Hawaiian	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,122
Beatus	14	14	Brit.	Andrew Weir & Co.	Liverpool, Can.	Adelaide, Aus'lia.	([18])	4,198
Colon [2]	13	..	Pan.	Irving List	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real [2]	13	..	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Sambu [2]	13	..	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Platano	14	16	Pan.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Polarine [1]	14	..	Amer.	Polarine Fisheries	Baltimore, Md.	S. Francisco, Cal.	Ballast	.....
Port Huon [2]	14	15	Brit.	Com'lth & Dom. Line	Glasgow, Scot.	Lyttleton, N.Z.	General	3,199
Acajutla	11	15	Brit.	Pacific Steam Nav. Co	Cristobal, C.Z.	Champ'ico, Guat.	General	417
Trois Ilets	7	15	Fr.	French Line	Cristobal, C.Z.	B'ventura,Colom.	General	17
Nagara Maru [2]	15	15	Jap.	Nippon Yusen Kaisha	New York, N.Y.	Yokohama, Jap.	([19])	7,734
Amastra [1 2]	15	15	Brit.	Anglo-Saxon Pet. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	.....
Tuira [2]	13	..	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....

PACIFIC TO ATLANTIC

Remuera	15	16	Brit.	N.Z. Shipping Co.	Timaru, N.Z.	London, England	Frozen, gen.	6,200
Celtic Star	15	16	Brit.	Blue Star Line	N. Westm'r, B.C.	Newcastle, Eng.	Refrig., gen.	4,545
Real [2]	16	17	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	37
Sambu [2]	16	17	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	19
Minnesotan	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	8,601
Leticia [2]	16	18	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	75
Southern Sun [1 2]	16	16	Amer.	Sun Oil Co.	El Segundo, Calif.	Chester, Pa.	Gasoline	13,720
Winkleigh	16	16	Brit.	Anglo-Can. S.S. Co.	Port Alberni,B.C.	Liverpool, Eng.	([21])	8,840
Cerigo	16	24	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	861
Kisha Coquillas [1]	16	17	Amer.	U.S. Tankship Co.	Kahului, T.H.	Philadelphia, Pa.	Molasses	7,900
Pennmar	16	16	Amer.	Calmar S.S. Corp.	Portland, Oreg.	New York, N.Y.	Lumber, gen.	7,194
Chilore	17	17	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore,Md.	Iron ore	21,700
Washington Express. [2]	16	17	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	Fresh fruit	1,730
Osnabruck [2]	16	18	Ger.	North German Lloyd.	Corral, Chile	Bremen,Germany	General	5,962
Wisconsin	16	18	Fr.	French Line	Vancouver, B.C.	Le Havre, France	General	8,831
Abraham Lincoln [2]	16	17	Nor.	Fred Olsen & Co.	Vancouver ,B.C.	Oslo, Norway	General	7,348
Cape of Good Hope. [2]	16	17	Brit.	Lyle Shipping Co.	Iquique, Chile	Azores [20]	Nitrates	7,700
Fresno City [2]	16	17	Brit.	Reardon Smith Line	Vancouver, B.C.	London, England	Wheat, oats.	8,270
Elbe [2]	17	18	Ger.	Norddeutscher Lloyd.	Vancouver, B.C.	Hamburg, Ger.	General	6,911

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [12] Cruiser. [13] Training ship. [14] For bananas and return to Cristobal. [15] Sand, steel, general, etc. [16] Cotton, scrap steel. [17] Gasoline, Diesel and fuel oil. [18] Newsprint paper. [19] Scrap, lubricating oil, etc. [20] For orders. [21] Wheat, lumber, doors.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Istmo	17	19	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	353
Georgian	17	18	Amer.	Williams S.S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,518
Absaroka	18	18	Amer.	McCormick S.S. Co.	Seattle, Wash.	Baltimore, Md.	[14]	8,291
Santa Catalina [2]	18	19	Amer.	Grace Line	Pisco, Peru	Pto. Colombia	Coffee, gen.	1,364
Herman Frasch	18	18	Amer.	Dutton Lumber Corp.	Seattle, Wash.	New York, N.Y.	Lumber	5,200
Carlton	18	18	Brit.	Montreal Ship. Co.	Vancouver, B.C.	Hull, England	Wheat	8,250
Mallard [10]	14	..	Amer.	U.S. Navy	Balboa, C.Z.	PedroMiguel,C.Z.	.....	.....
Segundo [2]	18	18	Nor.	Wessel, Duvall & Co.	Tocopilla, Chile	Savannah, Ga.	Nitrates	7,473
Delftdijk [2]	18	19	Neth.	N. Pac. Coast Line	Victoria, B.C.	Rotterdam, Neth.	General	8,905
Virginia	18	19	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N.Y.	General	9,417
L-41 [5]	18	..	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.	.....	.....
Mayan	18	25	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	159
Taranger	18	19	Nor.	Interocean Line	Vancouver, B.C.	Rotterdam, Neth.	[15]	7,187
Rossington Court	19	19	Brit.	United Brit. S.S. Co.	Victoria, B.C.	Garston, England	[14]	10,000
Lewis Luckenbach	19	19	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	12,833
Nariva	19	21	Brit.	Royal Mail Lines, Ltd.	N.Westm'er,B.C.	London, England	Fruit, gen.	4,418
Montanan	19	19	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	6,562
Anetta I	19	20	Pan.	Elliot Ship.& Land Co.	Pata Real, Pan.	Cristobal, C.Z.	Bananas	53
Bessemer City	19	19	Amer.	Isthmian S.S. Lines	Vancouver, B.C.	Swansea, Eng.	General	7,500
Santa Rita	19	20	Amer.	Grace Line	Valparaiso, Chile	New York, N.Y.	General	3,170
Chateau Thierry	18	20	Amer.	U.S. Army	Honolulu, T.H.	New York, N.Y.	General	574
Middlesex	20	20	Brit.	Fed. Steam Nav. Co.	Lyttleton, N.Z.	Glasgow, Scot.	Frozen, gen.	8,006
Memphis City	20	20	Amer.	Isthmian S.S. Lines	Seattle, Wash.	Baltimore, Md.	General	8,106
Jefferson Myers	19	20	Amer.	Quaker Line	Everett, Wash.	Philadelphia, Pa.	Lumber, gen.	10,320
Katsuragi Maru [2]	20	21	Jap.	Kokusai K. Kaisha	Kobe, Japan	Boston, Mass.	General	7,813
Beldagny	20	21	Nor.	Christen Smith	Ant'fagasta,Chile	Azores [13]	Nitrates	6,700
Canadian Planter	20	23	Brit.	Can. Nat. Steamships	Auckland, N.Z.	Halifax, N.S.	General	3,375
Point Judith	21	21	Amer.	Swayne & Hoyt	Seattle, Wash.	Tampa, Fla.	General	7 006
Antofagasta	21	22	Chile	Cia. Chilena de Nav.	Callao, Peru	New York, N.Y.	[16]	5,599
William Luckenbach	21	21	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	[17]	8,800
Lagarto [2]	21	22	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Liverpool, Eng.	General	6,215
Hopecrag	21	21	Brit.	Anglo-Can. S.S. Co.	Vancouver B.C.	Ipswich, England	[14]	5,947
Ardenvohr [2]	21	21	Brit.	Australind S.S. Co.	Paugemene,Soc.I.	Copenhagen,Den.	[18]	8,391
Ammon	21	22	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,644
Defacto	21	22	Amer.	Continental Grain Co.	Seattle, Wash.	Norfolk, Va.	Grain	7,312
Cephee	21	22	Fr.	Messageries, Mariti's	New Caledonia	Marseilles, Fr.	General	6,559
Hokkai Maru [2]	21	23	Jap.	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md.	General	5,046
Point Brava	22	22	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	Lumber, gen.	6,350
Barbara Cates	22	22	Amer.	Sudden & Christenson	Seattle, Wash.	Baltimore, Md.	Lumber	7,500
Trois Ilets	22	..	Fr.	French Line	Manta, Ecua.	Cristobal, C.Z.	[19]	250
Vancouver City [2]	22	22	Brit.	Reardon Smith Line	Vancouver B.C.	Cardiff, Wales	Gen., grain	7,830
West Ira	22	22	Amer.	Pac.-Arg.-Brazil Line	Seattle, Wash.	BuenosAires, Arg.	Lumber, gen.	4,206
Republic [8]	22	23	Amer.	U.S. Army	Honolulu, T.H.	Brooklyn, N.Y.	Army stores.	91
Svithiod [1] [2]	22	23	Pan.	Standard Ship. Co.	Talara, Peru	Aruba, D.W.I.	[20]	8,674
Argentina [2]	22	23	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	Wheat, gen.	5,791
Musa	23	23	Pan.	United Fruit Co.	Pto.Arm'lles,R.P.	New York, N.Y.	Fruit	1,600
Santa Clara Valley	23	23	Brit.	Sir W.R.Smith & Sons	Dairen, China	Cobh, I.F.S. [13]	Soy beans	8,233
Durazzo	23	..	Ger.	Hamburg.-Amer Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	1,007
Edgar F. Luckenbach	23	23	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	9,550
Nebraskan	24	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,285
Arizona	24	25	Fr.	French Line	Valparaiso, Chile.	Liverpool, Eng.	[22]	7,089
Texas	24	24	Amer.	States S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,046
Peticia [2]	24	25	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	40
Tricolor [2]	24	25	Nor.	Barber Line	Manila, P.I.	New York, N.Y.	General	7,427
Istmo	24	26	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	282
Underleigh	25	25	Brit.	Anglo-Can. S.S. Co.	Vancouver, B.C.	London, England	[14]	8,280
Europa [2]	25	25	Dan.	East Asiatic Co.	Vancouver, B.C.	Copenhagen,Den.	[22]	8,885
Santa Elena	25	26	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,211
George M. Embiricos	25	25	Greek.	Canadian Transp. Co.	Victoria, B.C.	Liverpool, Eng.	[23]	9,500
San Antonio	25	26	Fr.	French Line	Portland, Oreg.	Le Havre, France	[24]	6,169
Annetta I [2]	26	3	Pan.	P. W. Hamilton	Darien, R.P.	Cristobal, C.Z.	Bananas	12
Sambu [2]	25	27	Pan.	Elliot Ship.& Land Co.	Bayano, R.P.	Cristobal, C.Z.	Bananas	15
Mallard [10]	..	2	Amer.	U.S. Navy	PedroMiguel,C.Z.	Cristobal, C.Z.	.....	.....
Real [2]	26	27	Pan.	Elliot Ship.& Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	30
El Ciervo [1]	26	26	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Lands End, Eng.	Crude oil	8,009
Marian Otis Chandler	26	27	Amer.	McCormick S.S. Co.	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	8,200
Salvador	26	2	Brit.	Pac. Steam Nav. Co.	Cham'pico, Guat.	Cristobal, C.Z.	General	158
Christian Holm [1] [2]	26	27	Dan.	Det.Danske Petr.Akeuseiskab.	Talara, Peru	S'ampton, Eng.	Crude oil	12,650

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [10] Minesweeper. [13] For orders. [14] Lumber, wheat. [15] Grain, lumber, general. [16] Ores, bran, cereals. [17] Lumber, canned goods. [18] Chrome ore and copra. [19] Coffee, corrosol. [20] Benzine, kerosene. [21] Cotton, copper, ores, sugar. [22] Fruit, lumber, barley, general. [23] Wheat, bran, lumber. [24] Fruit, grain, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Lieut. Col. H. C. Schumm.[4]	...	27	Amer..	U.S. Army.....	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
Heranger.....	26	27	Nor...	Interocean S.S. Corp..	Vancouver, B.C..	Rotterdam, Neth.	Grain, gen...	8,239
Susan V. Luckenbach.	27	27	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	7,771
Kelvinbank.....	27	27	Brit...	Andrew Weir & Co...	Tocopilla, Chile..	Azores[13].....	Saltpeter....	5,480
Siantar[2].....	27	27	Neth..	Pac.-Java-Bengal Line	Calcutta, India..	Calcutta, India..	Lumber, gen.	7,737
Akaroa.....	26	27	Brit...	Shaw, Savill & Albion.	Auckland, N.Z...	London, England	Refrig., gen..	7,003
Santa Maria[2]....	27	28	Amer..	Grace Line.....	SanAntonio,Chile	New York, N.Y..	(14)	4,824
Swainby.....	27	27	Brit...	Anglo-Can. Ship. Co..	Vancouver, B.C..	S'ampton, Eng...	(15)	7,855
W. S. Miller[1]....	27	28	Amer..	Standard Oil Co., Cal.	Los Angeles, Cal.	Tiverton, R.I....	Fuel oil.....	10,380
Canadian Cruiser.	28	28	Brit...	Can. Nat. Steamships.	Wellington, N.Z.	New York, N.Y..	General.....	2,416
Nordhval[2].....	28	28	Dan...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Pensacola, Fla...	Nitrates....	8,250
Heffron.....	28	28	Amer..	Pac. Coast Direct Line	S. Francisco, Cal.	Norfolk, Va.....	(16)	10,364
La Luna[2].....	28	...	Pan...	G. Garcia.....	Panama, R.P....	Cristobal, C.Z...	Ballast.....	.....
Almirante[2].....	28	28	Pan...	G. Garcia.....	Panama, R.P....	Cristobal, C.Z...	Ballast.....	.....
Pacific Ranger[2]..	28	28	Brit...	Furness, Withy & Co.	Victoria, B.C....	Glasgow, Scot...	Lumber, gen.	7,900
Brand[2].....	28	29	Nor...	West Indian Trad. Co.	Dairen, China...	Europe[13].....	Soy beans...	8,364
Alamar.....	28	28	Amer..	Calmar S.S. Corp....	Seattle, Wash....	Baltimore, Md...	Lumber.....	7,327
Lubrico[1].....	28	28	Amer..	Standard Oil Co.....	Los Angeles, Cal.	Providence, R.I..	Heating oil..	9,442
San Rafael.....	28	29	Amer.	States S.S. Co.....	Seattle, Wash....	Philadelphia, Pa.	Lumber, gen.	7,818
Neches[1].....	28	30	Amer..	U.S. Navy.....	Los Angeles, Cal.	Cristobal, C.Z...	(17)	524
Bennekom.....	29	29	Neth..	Royal Neth. S.S. Co..	Huasco, Chile....	Hamburg, Ger...	General.....	8,624
Pacific Commerce[2]	29	29	Brit...	Canadian Transp. Co.	Vancouver, B.C..	W.Hartlep'l, Eng.	Lumber, gen.	7,360
Platano.....	29	29	Pan...	United Fruit Co.....	Pto.Arm'les, R.P.	New York, N.Y..	Bananas....	1,594
Hoegh Trader[2]....	29	29	Nor...	Leif Hoegh.....	Whyalla, Aust'lia	Baltimore, Md...	Iron ore....	7,660
Arizonan.....	29	29	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	Gen., lumber	8,872
Gaelic Star.....	29	30	Brit...	Blue Star Line.....	N.Westm'er, B.C.	Rotterdam, Neth.	Frozen, gen..	4,974
Ashburton[2].....	29	30	Brit...	Colonial Sugar Ref...	Bowen, Australia.	Lands End[13]....	Sugar.....	7,750
Texmar.....	29	30	Amer..	Calmar S.S. Corp....	Seattle, Wash....	New York, N.Y..	Gen., lumber	6,704
Steel Mariner....	30	30	Amer..	Isthmian S.S. Lines..	Vancouver, B.C..	Avonmouth, Eng.	Grain, gen...	7,922
Tuira[2].....	30	1	Pan...	Elliot Ship.& Land Co.	Darien, R.P.....	Cristobal, C.Z...	Bananas....	60
Sambu[2].....	30	1	Pan...	Elliot Ship.& Land Co.	Darien, R.P.....	Cristobal, C.Z...	Bananas....	23
Marija Petrinovic.	30	30	J.-Slav.	Chile Nit. Sales Corp.	Taltal, Chile.....	Azores[13].....	Nitrate soda.	8,380
Real[2].....	30	1	Pan...	Elliot Ship.& Land Co.	Darien, R.P.....	Cristobal, C.Z...	Bananas....	37
Cali.....	30	1	Ger...	North German Lloyd.	Guayaquil, Euca.	Cristobal, C.Z...	General.....	883
Fella[2].....	30	1	Ital...	Nav. Libera-Triestina.	Vancouver, B.C.	Trieste, Italy....	General.....	3,647
Willboro.....	30	30	Amer..	Williams Line.....	Portland, Oreg..	Baltimore, Md..	Gen., lumber	8,670
Montreal Maru...	30	1	Jap...	Kawasaki K. Kaisha..	Keelung, Japan..	New York, N.Y..	Silk, gen....	5,167
Lieut. Col. H. C. Schumm.[4]	30	1	Amer..	U.S. Army.....	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
President Taft...	1	1	Amer..	Dollar Line.....	Manila, P.I.....	New York, N.Y..	General.....	6,114
Svealand[2].....	30	1	Swed..	Ore S.S. Corp.....	Cruz Gr'de, Chile	Sparrows Pt., Md.	Iron ore.....	22,000
Moveria[2].....	30	1	Brit...	Donaldson Line.....	Vancouver, B.C..	Glasgow, Scot...	General.....	5,748
Point Chico.....	30	1	Amer..	Swayne & Hoyt.....	Portland, Oreg...	Tampa, Fla.....	Gen., lumber	6,603
Nevadan.....	30	1	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	Boston, Mass....	General.....	8,520
Aldington Court..	1	1	Brit...	Canadian Transp. Co.	Vancouver, B.C.	London, England.	(15)	8,520
Port Chalmers[2]..	1	2	Brit...	Com'lth & Dom. Line.	N. Ply'outh, N.Z.	London, England.	Frozen, gen..	6,160
F. J. Luckenbach.	1	1	Amer..	Luckenbach Line....	Seattle, Wash....	Boston, Mass....	Gen. lumber.	8,280
Istmo.....	1	8	Pan...	Elliot Ship.& Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee.....	398
Orbita.....	2	3	Brit...	Pac. Steam Nav. Co..	SanAntonio,Chile	Liverpool, Eng...	General.....	7,004
Vancolite[1] [2].....	1	2	Brit...	Imperial Oil Co.....	Talara, Peru.....	Havre, France...	Crude oil...	15,083
Yuri Maru.....	2	2	Jap...	Kokusai K. Kaisha...	Kobe, Japan.....	Houston, Tex....	(18)	4,209
Santa Monica[2]....	2	3	Amer..	Grace Line.....	Pisco, Peru.....	Pto. Colombia...	General.....	1,945
Cressington Court.[2]	2	2	Brit...	Canadian Transp. Co	Victoria, B.C....	Ipswich, England	(19)	8,200
Pennsylvania.....	2	3	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N.Y..	General.....	8,280
Willmoto.....	2	3	Amer..	William S.S. Co.....	Seattle, Wash....	Providence, R.I..	Lumber, gen.	7,865
Buenos Aires[2]....	2	4	Swed..	Johnson Line.....	Grays Har.,Wash.	Stockholm, Swed.	Barley, gen..	7,154
Mauna Loa.....	3	4	Amer..	McCormick S. S. Co..	S. Francisco, Cal	Albany, N.Y....	Lumber, gen.	7,036
Santa Barbara[2]..	3	4	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N.Y..	Copper, gen.	4,591
Alexia[1] [2].....	3	3	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End[13]....	Gasoline....	11,187
Maria.....	3	3	Greek.	Canadian Transp. Co.	Vancouver, B.C..	London, England.	(20)	6,730
Karnak.....	3	3	Ger...	Hamburg-Amer. Line.	Coronel, Chile...	Hamburg, Ger...	General.....	8,177
Sekstant.....	3	9	Nor...	Grace Line.....	Champ'ico, Guat.	Cristobal, C.Z...	General.....	335
Dorothy Luckenbach.	3	4	Amer..	Luckenbach Line....	Portland, Oreg...	Mobile, Ala.....	General.....	10,409
Sunoil[1] [2].....	4	4	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	13,386
Austvard[2].....	4	4	Nor...	Anglo-Can. S.S. Co...	Vancouver, B.C..	St. John, N.B....	(21)	6,502
Nebraska.....	4	4	Brit...	Royal Mail Lines.....	Victoria, B.C....	Rotterdam, Neth.	General.....	6,107
West Notus.....	1	4	Amer..	McCormick S.S. Co...	Seattle, Wash....	Buenos Aires,Arg.	Gen., lumber	2,491
Romsdalshorn....	4	4	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Norfolk, Va.....	Nitrate soda.	10,200
Panaman.....	4	4	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,639
Winslow[5].....	4	...	Amer..	U.S. Army.....	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
Marore.....	5	5	Amer..	Ore S.S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,525
San Jose.....	5	6	Fr....	French Line.....	Vancouver, B.C..	Rotterdam,Neth.	General.....	6,669
Dusseldorf[2].....	5	6	Ger...	North German Lloyd.	Corral, Chile....	Hamburg, Ger...	General.....	5,849

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] For orders. [14] Copper, coffee, general. [15] Wheat, lumber. [16] Lumber, oats, pulp, copper. [17] Fuel oil, gasoline. [18] Fish meal, general. [19] Lumber, grain, general. [20] Grain, lumber. [21] Potash, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mercury Sun [1] [2]	5	5	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,539
Turrialba	5	5	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,104
Tosca [2]	5	6	Nor.	Knut Knutsen	Talcahuano, Chile	London, England.	General	7,172
Stella	5	6	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	Wilmington, N.C.	Nitrates, gen.	2,339
Iris	6	7	Neth.	Royal Neth. S.S. Co.	Guayaquil, Ecua	Cristobal, C.Z.	General	341
Californian [2]	6	6	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,370
Daleby	6	6	Brit.	Ropner S.S. Co.	Vancouver, B.C.	Liverpool, Eng.	([14])	8,075
Theodore Roosevelt. [2]	6	6	Nor.	East Asiatic Co.	Dairen, China	Cobh, I.F.S. [13]	Soy beans	8,915
Thirlby	6	6	Brit.	Anglo-Can. S.S. Co.	Nanoose Bay, B.C	London, England	([15])	8,000
Tilthorn	6	6	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S.C.	Nitrates	10,200
Kano Maru [2]	6	7	Jap.	Kokusai K. Kaisha	Manila, P.I.	New York, N.Y.	General	7,325
Onondaga	6	6	Amer.	Dutton Lumber Corp.	Portland, Oreg.	Po'keepsie, N.Y.	Dressed fir	2,682
Oakland [2]	7	8	Ger.	Hamburg-Amer. Line.	Vancouver, B.C.	Hamburg, Ger.	General	7,393
Springbank [2]	6	7	Brit.	Colonial Sugar Co.	Suva, Fiji Islands	United Kingdom.	Sugar	8,312
Larry Doheny [1]	6	8	Amer.	Richfield Oil Co.	Los Angeles, Cal.	Cristobal, C.Z.	Diesel oil	10,910
Quebec City	7	7	Brit.	Reardon-Smith Line.	Vancouver, B.C.	Cardiff, England.	General	7,864
Plow City	7	7	Amer.	Nelson S.S. Co.	S. Francisco, Cal	New York, N.Y.	Gen., lumber	4,483
Trois Iles	7	...	Fr.	French Line	B'ventura, Colom.	Cristobal, C.Z.	Coffee	247
Rangitiki [2]	7	7	Brit.	N.Z. Shipping Co.	Napier, N.Z.	London, England	Frozen, gen.	5,942
Sage Brush	8	8	Amer.	Shepard S.S. Co.	Seattle, Wash.	Albany, N.Y.	Lumber, gen.	7,533
Trondanger [2]	8	8	Nor.	Interocean S.S. Corp.	Vancouver, B.C.	Rotterdam, Neth.	([16])	7,714
Cerigo	8	16	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	General	1,089
Kwanto Maru [2]	8	9	Jap.	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md.	General	3,957
Losmar	8	8	Amer.	Calmar Line	Bellingham, Wash	New York, N.Y.	Lumber, gen.	6,924
Auris [1] [2]	8	8	Brit.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D.W.I.	Gasoline	11,645
Cathwood [1]	8	8	Amer.	Union Oil Co.	Los Angeles, Cal.	Tiverton, R.I.	Gasoline	8,460
Selandia [2]	8	8	Dan.	East Asiatic Co.	Los Angeles, Cal.	Hull, England	Grain, fruit	6,276
Amerikaland [2]	8	9	Swed.	Ore S.S. Corp.	Cruz Gr'de, Chile	New York, N.Y.	Iron ore	21,600
Maimoa	8	9	Brit.	Shaw, Savill & Albion	Townsv'e, Aus'lia	Glasgow, Scot.	Frozen, gen.	7,264
Santa Paula	9	10	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,603
Carrillo	10	10	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,200
Parthenia	10	10	Brit.	Donaldson Line	Victoria, B.C.	Glasgow, Scot.	General	5,953
Inapaquina [2]	10	10	Pan.	Elliot Ship. & Land Co.	Panama, R.P.	Colon, R.P.	Ballast	.....
Weser [2]	10	11	Ger.	North German Lloyd.	Vancouver, B.C.	Bremen, Germany	General	7,999
Annetta I [2]	10	11	Pan.	P. W. Hamilton	Darien, R.P.	Cristobal, C.Z.	Bananas	38
Reginolite [1] [2]	10	10	Brit.	Imperial Oil Co.	Lobitos, Peru	Halifax, N.S.	Crude oil	11,865
Dora [2]	10	12	Dan.	J. Lauritzen	Portland, Oreg.	Haifa, Palestine.	Fresh fruit	1,304
Endicott	10	11	Amer.	Amer.-Gulf Orient Line	Manila, P.I.	New Orleans, La.	Copra, gen.	5,884
Gen. M. H. Sherman.	10	11	Amer.	Isthmian S.S. Co.	Honolulu, T.H.	Baltimore, Md.	Sugar, gen.	6,682
Viking [5]	10	11	Amer.	George F. Baker	Valparaiso, Chile.	Miami, Fla.	Ballast	.....
Acajutla	11	15	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	489
Pan Europe [1] [2]	10	11	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D.W.I.	([17])	14,479
Strassa [2]	10	11	Swed.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrate soda.	8,450
W. R. Keever	11	11	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	New York, N.Y.	Lumber	7,200
Santa Lucia	10	12	Amer.	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	5,961
Missourian [2]	11	11	Amer.	Amer.-Hawaiian Line.	Colombia River.	Boston, Mass.	Gen., lumber	9,899
Pacific Reliance [2]	11	12	Brit.	Furness, Withy & Co.	Vancouver, B.C.	Glasgow, Scot.	General	8,152
Iddesleigh	12	12	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrates	9,050
Odysseus	9	12	Neth.	Royal Neth. S.S. Co.	Balboa, C.Z.	Pto. Barrios	Ballast	.....
Paul Luckenbach.	12	12	Amer.	Luckenbach Line	Pt. Angeles, Wash.	Boston, Mass.	Gen., lumber	8,168
Shohei Maru [2]	12	12	Jap.	Mitsui & Co.	Penang, Mal. Pen.	New York, N.Y.	General	5,283
Pomona	12	12	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Norfolk, Va.	Lumber, gen.	10,300
Virgilio [2]	12	13	Ital.	Societa Italia	Valparaiso, Chile.	Genoa, Italy.	General	1,335
Strymon	12	13	Greek.	Wm. Livanos & Co.	Chicama, Peru	Liverpool, Eng.	Sugar	7,750
Sambu [2]	13	13	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	24
American Eagle	12	13	Amer.	Amer. Foreign Corp.	Tacoma, Wash.	Brooklyn, N.Y.	Lumber	6,400
Elfi	12	13	Nor.	Elliot Ship. & Land Co.	Tumaco, Colom.	Cristobal, C.Z. [13]	Ballast	.....
Trimountain [1]	12	13	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N.J.	Gasoline	8,783
Musa	13	13	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,200
William A. McKenney.	13	13	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	8,636
Knute Nelson [2]	13	13	Nor.	Fred Olsen Line	Vancouver, B.C.	Oslo, Norway.	General	7,376
La Paz [2]	13	14	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General	8,005
Annie Johnson [2]	13	13	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	General	5,629
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	42
Colon [2]	13	14	Pan.	Irvin List	Darien, R.P.	Cristobal, C.Z.	Bananas	50
Tuira [2]	13	15	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	60
Monkleigh	13	13	Brit.	Anglo-Canadian	N. West'er, B.C.	London, England	Grain, gen.	8,975
Laguna [2]	14	15	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Hull, England	General	8,189
Texan	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,260
Chateau Thierry [3]	11	15	Amer.	U.S. Army	Balboa, C.Z.	New York, N.Y.	Army stores.	18
Istmo	14	16	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	477
Nojima Maru [2]	14	15	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,913
Gertrude Kellogg [1]	14	15	Amer.	Kellogg S.S. Corp.	Manila, P.I.	New York, N.Y.	Coconut oil	6,685
Willsolo	14	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Bridgep't, Conn.	Lumber, gen.	9,195
Amagisan Maru [2]	14	15	Jap.	Mitsui Bussan Kaisha	Cebu, P.I.	New York, N.Y.	General	5,867

[1] Tanker. [2] Motor ship. [5] Yacht. [3] Transport. [13] For orders. [14] Wheat, lumber, fish oil. [15] Grain, lumber. [16] Grain, lumber, general. [17] Naphtha, refined oil.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Havprins [1] [2]	14	15	Nor.	P. Meyer	Los Angeles, Cal.	Istambul, Turkey	([13])	11,897
Democracy	14	15	Amer.	Chas. Nelson Co	Seattle, Wash.	New York, N.Y.	Lumber, gen.	5,885
Ulla	14	15	Dan.	J. Lauritzen	Portland, Oreg.	Le Havre, France	Fruit	930
Manizales	15	...	Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	940
Harpoon	15	15	Amer.	Shepard S.S. Co	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,026
Beacon [1]	15	16	Amer.	Standard Shipping Co.	Talara, Peru	Le Havre, France	Crude oil	14,363
Filleigh	15	15	Brit.	Reardon-Smith Line	Vancouver, B.C.	London, England	Wheat	8,440
Peter Maersk [2]	14	16	Dan.	Maersk Line	Manila, P.I.	Philadelphia, Pa.	General	4,876

[1] Tanker. [2] Motor ship. [13] Benzine, kerosene.

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of 1934 and 1935

The following is a comparison of traffic at the Suez and Panama Canals for the first ten months of 1934 and 1935:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent decrease	Number of transits		Percent decrease
	1934	1935		1934	1935	
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
August	463	503	[1] 8.6	401	395	1.5
September	468	531	[1] 13.5	435	391	10.1
October	527	604	[1] 14.6	467	441	5.6
Total	4,723	4,951	[1] 4.8	4,430	4,175	5.8

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent decrease	Tolls collected		Percent decrease
	1934	1935		1934	1935	
	Thousands	*of francs*		*Thousands*	*of dollars*	
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
August	69,930	71,640	[1] 2.4	1,907	1,757	7.9
September	67,860	73,410	[1] 8.2	1,948	1,781	8.6
October	78,670	85,670	[1] 8.9	2,098	1,964	6.4
Total	715,130	736,600	[1] 3.0	20,269	18,627	8.1

[1] Denotes increase.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

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Traffic Through the Panama Canal in December 1935

The total vessels of all kinds transiting the Panama Canal during the month of December 1935, and for the same month in the two preceding years, are shown in the following tabulation:

	December 1933	December 1934	December 1935		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	476	443	245	214	459
Local commercial vessels [1]	30	53	30	25	55
Noncommercial vessels:					
United States Government	35	27	11	10	21
Colombian Government	.....	.....	2	.....	2
For repairs	1	4	1	1	2
Total	542	527	289	250	539

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the calendar year ended December 31, 1935, an compared with the calendar year 1934:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934	1935	1934	1935	1934	1935	1934	1935
January	479	425	2,581,095	2,294,137	2,086,480	1,945,085	$2,159,642.48	$1,911,094.13
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	2,078,950.58	1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
Total	5,342	5,052	28,970,590	26,796,703	25,900,152	24,701,904	24,358,323.00	22,421,206.62

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for December 1935

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	111	613,891	569,030	Netherlands	10	44,062	26,346
Chilean	1	3,886	4,642	Norwegian	41	182,103	185,952
Danish	15	65,143	46,913	Panamanian	21	78,486	68,414
Finnish [4]	1	.....	.....	Spanish	3	13,762	9,150
French	10	61,562	50,777	Swedish	12	57,777	77,392
German	29	109,419	130,933	United States	171	953,363	852,252
Greek	5	22,497	22,930				
Italian	5	35,576	5,782	Total	459	2,382,602	2,187,731
Japanese	24	141,075	137,218				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Training ship.

Traffic by Trade Routes, December 1935

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	57	329,685	158,433	56	333,556	424,955
East coast United States and:						
Canada	4	20,682	10,815	1	4,973	5,826
Central America	7	22,512	2,650	5	16,685	6,468
South America	19	92,691	19,352	17	74,913	151,866
Hawaiian Islands	2	9,958	6,972	2	10,059	14,158
Australasia	8	48,220	49,725	1	4,673	8,000
Philippine Islands	9	55,521	46,896	11	72,826	61,238
Far East	21	111,671	133,814	7	40,009	32,562
Canadian intercoastal	1	4,554	6,612	1	4,010	5,502
East coast Canada and:						
United States	2	8,685	11,012			
South America	2	4,826	7,413	3	11,563	22,871
Australasia	6	30,645	24,311	2	9,311	9,604
Philippine Islands	1	6,034	7,194	1	5,509	7,783
Far East	1	4,584	7,152			
East coast Central America and Far East	2	8,698	11,744			
South American intercoastal	6	12,187	17,338			
East coast South America and:						
United States	1	4,842	6,766	2	10,115	7,643
Canada	2	9,242	11,696			
Far East	1	7,606	4,750			
Cristobal and:						
United States				1	5,326	10,910
Central America	5	4,829	2,735	4	4,094	1,802
South America	8	5,580	3,110	12	9,474	8,734
West Indies and:						
United States	1	5,953		1	5,995	11,645
Canada	1	4,811				
South America	2	12,286	7,000	2	12,094	23,979
Australasia	1	4,976	7,877			
Europe and:						
United States	7	42,617	9,139	6	31,503	52,114
Canada	28	163,173	42,906	38	208,613	284,214
Central America	3	6,934	7,153	1	3,442	822
South America	23	131,378	44,673	24	147,356	212,906
Hawaiian Islands				1	6,232	13,046
Australasia	7	55,156	28,754	9	64,776	64,741
Far East				2	10,510	17,287
Africa and United States				1	1,997	1,304
Egypt and:						
Canada, west coast	1	4,797				
South America				1	4,465	8,300
Foreign vessels in ballast (United States intercoastal)	2	9,219				
Around the world	2	16,990	10,859	1	6,305	8,600
Vessels not engaged in commerce	[4] 2			[5] 1	676	
Total	245	1,261,542	708,851	214	1,121,060	1,478,880

[4] Naval. [5] Yacht.

Origin and Destination of Cargo by Major Areas, December 1935

The following table summarizes the origin of cargo passing through the Canal in December 1935, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	178,972	16,567	191,392	22,525	47,350	456,806
Other North America	8,006	10,488	13,056	20,193	39,988	91,731
Europe	44,690	12,395		39,577	24,187	120,849
Miscellaneous	15,073	4,652	3,327	16,413		39,465
Total	246,741	44,102	207,775	98,708	111,525	708,851

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	434,592	36,478	134,643	5,803	611,516
Canada	8,190	12,210	191,654	5,941	217,995
Other North America	11,900	2,427	16,692	.....	31,019
South America	149,852	58,956	211,543	8,305	428,656
Australasia	16,143	1,497	57,405	.....	75,045
Asia	93,280	3,982	17,287	100	114,649
Total	713,957	115,550	629,224	20,149	1,478,880

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during December 1935 or in December 1934 are listed below:

Commodity	December		Commodity	December	
	1934	1935		1934	1935
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	5,331	11,294	Canned goods, various	57,581	85,827
Asphalt and tar	7,805	19,328	Coffee	10,203	14,356
Automobiles and parts	13,643	28,278	Cold storage, food products [6]	34,190	29,420
Canned goods, various	9,457	11,328	Fish meal	11,344	8,931
Cement	8,812	11,128	Flour	24,163	36,483
Corn	17,319	7,406	Fruit, dried	19,109	24,024
Cotton, raw	38,269	56,151	Fruit, fresh [7]	15,485	32,904
Iron and steel	95,203	119,717	Lumber	213,360	232,816
Machinery	10,175	13,044	Metals, various	51,361	51,718
Metals, various	15,940	16,673	Molasses and syrups	8,100	15,570
Oils, mineral	49,255	47,058	Nitrates	126,664	108,348
Ores, various	10,860	15,061	Oats	13,099	5,427
Paper and paper products	36,427	34,040	Oils, mineral	320,250	257,359
Phosphates	20,631	18,229	Oils, vegetable	16,122	21,963
Scrap metal	122,696	42,448	Ores (principally iron)	81,097	119,158
Sugar	2,815	15,746	Paper and paper products	11,345	16,394
Sulphur	11,271	26,445	Rice	11,895	3,142
Textiles	8,897	11,928	Rubber, raw	3,335	13,851
Tinplate	23,581	20,673	Soy beans	46,954	17,447
			Sugar	70,619	78,602
Pacific to Atlantic			Wheat	99,043	99,686
Barley	10,194	17,009	Wood pulp	15,634	11,299
Beans	10,710	11,093			

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of December 1935, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	36	7	225	7
Agricultural implements	1,486	67	3,972	137
Alfalfa meal	.....	1,050	.....	1,458
Ammonium compounds	108	.....	11,294	.....
Animal foods [8]	157	456	157	540

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Apparel, wearing (hats, shoes, clothing, etc.)	51	15	143	54
Asbestos	169	18	4,223	18
Asphalt and tar	437	131	19,328	555
Automobiles (and autotrucks)	3,264	12	19,103	14
Automobile parts and accessories	770	243	9,175	303
Bamboo and products	.....	125	.....	826
Bags and bagging, textile	.....	161	264	911
Bananas	.....	.....	.....	7,714
Barks, miscellaneous	78	13	152	571
Barley	.....	211	.....	17,009
Beans, edible, dry	406	6,533	429	11,093
Beer	241	.....	304	11
Beverages, nonalcoholic	81	.....	82	.....
Bones and bone meal	.....	41	1,555	41
Books and printed matter	.....	5	2	5
Borax	.....	1,527	10	9,841
Bran and pollards	.....	580	.....	4,583
Bricks and tile	438	.....	787	15
Camphor, crude	.....	.....	.....	330
Canned and preserved goods:				
Fish	793	12,502	1,289	18,552
Fruit	1,106	25,231	1,476	45,180
Meat	402	200	1,377	569
Milk	1	41	181	593
Soup	2,527	21	2,803	21
Vegetables	1,608	3,158	1,833	3,309
Miscellaneous and unclassified	1,180	9,994	2,369	17,603
Carbon black	.....	.....	459	.....
Celite	.....	1,119	.....	1,173
Cement	325	127	11,128	155
Chalk	.....	.....	886	.....
Charcoal	80	.....	328	.....
Chemicals [8]	4,209	1,701	8,563	2,140
Clay, china and fire	170	357	404	357
Clay, filtering	.....	357	.....	509
Coal	.....	.....	1,583	.....
Cocoa and cacao beans	56	.....	619	1,145
Coconuts and products [8]	.....	854	406	2,908
Coffee	296	104	6,076	14,356
Coke	.....	.....	5,673	.....
Cold storage and refrigerated products:				
Dairy products	183	17	507	18,470
Eggs	.....	371	.....	537
Fish	.....	250	123	1,857
Lard	91	343	123	445
Meats	.....	68	224	7,392
Poultry	.....	211	.....	211
Vegetables	.....	104	182	177
Other and unclassified	150	.....	187	331
Confectionery	798	.....	808	14
Copra	.....	.....	.....	7,171
Copra meal and cake	.....	.....	.....	1,327
Corn	.....	26	7,406	273
Cotton, raw	38	2,086	56,151	8,584
Creosote	6,735	.....	6,735	.....
Drugs and medicines	867	8	1,028	74
Dyes	32	.....	529	11
Earthenware	.....	.....	249	12
Eggs, dried	.....	.....	.....	179
Electrical apparatus and appliances	691	111	1,051	121
Explosives	.....	3	114	15
Extract, quebracho	34	.....	996	.....
Fertilizers [8]	365	564	3,548	1,230
Fish, salted or dry-cured	11	21	45	52
Fish meal	.....	2,450	.....	8,931
Floor coverings	653	504	826	1,282
Flour	209	31,530	1,193	36,483
Fruit, dried	84	14,020	262	24,024
Fruit, fresh [8]	.....	6,267	262	32,904
Furniture and household goods	344	126	393	141
General	13,910	7,028	44,231	13,674
Glass and glassware	3,234	245	5,779	825
Glue	38	67	59	69
Grains, other [8]	19	56	48	109
Groceries	229	108	307	1,393
Gums	.....	82	3	189
Hair, all kinds	119	43	231	141
Hay	.....	456	.....	537
Hemp, unmanufactured	75	396	110	3,698
Honey	.....	306	107	376

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hops				297
Horns and hoofs			137	36
Infusorial earth		1,377	106	1,816
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	69,272	328	119,717	5,317
Ivory nuts	140	457	711	2,561
Jute, unmanufactured	80	155	231	207
Lard substitute	175		175	
Liquors	1,425	831	2,673	891
Lumber (including manufactured mill products)	2,177	138,212	3,185	232,816
Machinery	3,921	1,169	13,044	1,518
Malt			59	111
Manufactured goods [8]	885	298	1,469	1,866
Marble and granite	34		351	
Matches	465	76	561	77
Metals:				
Antimony				198
Chrome			20	
Copper	66	10,152	3,160	33,627
Gold and silver		83		138
Iron	256		7,429	6
Lead	53	805	1,136	8,992
Tin		453	1	2,321
Zinc	104		793	6,142
Other and unclassified	142	238	4,134	294
Milk, powdered	22	343	300	594
Molasses and syrups	94		114	15,570
Nitrates	1,738		4,546	108,348
Nuts, edible (including meats)		577	457	832
Oats	216	1,689	216	5,427
Oils, mineral:				
Crude			3	86,526
Gas and fuel		10,220	21,638	31,317
Gasoline, benzine, and naphtha		57,908	3,070	121,762
Kerosene	37		317	17,062
Lubricating and greases	4,917	622	22,027	692
Other and unclassified			3	
Oils, vegetable:				
Coconut		1,155	70	14,563
Cottonseed				502
Linseed	117		238	
Olive	216		753	
Rapeseed		3		1,232
Wood			30	2,783
Other and unclassified	97	404	500	2,883
Oil, fish	36	2,580	57	3,068
Oil, whale			25	
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	38	727	55	5,820
Oilseed cake and meal	1,800		1,800	7,320
Ores:				
Antimony	4		78	447
Chrome	186		186	8,000
Copper		1,225	481	3,027
Gold and silver			9,094	365
Iron		291	31	90,818
Lead				2,356
Magnesite		900		900
Manganese		900	56	1,886
Tin		312	100	5,797
Zinc				4,143
Other and unclassified		6	5,035	1,419
Paints and varnishes	1,534	257	3,234	302
Paper and paper products [8]	5,948	9,132	33,546	16,078
Paper scrap		295	494	316
Peanuts	784		784	
Peas, dry		491		1,523
Peatmoss	32		423	
Phosphates	120	221	18,229	221
Porcelainware	405	286	1,523	3,349
Potash		5,832	2,122	8,970
Pyrethrum flowers		162		300
Rags and waste	88	811	751	4,470
Railroad material	116		7,150	
Rice	474	131	2,102	3,142
Rope and twine	203	4	214	24
Rosin	901		3,847	
Rubber:				
Manufactured	901	42	1,341	67
Raw		29		13,851
Scrap		74		297

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rye	.....	90	.....	90
Salt	308	135	3,832	1,155
Sand	695	.....	4,712	24
Scrap metal	163	936	42,448	957
Seeds (except oilseeds)	165	211	861	3,484
Shells, oyster	558	.....	558	116
Silk, raw	.....	3,284	.....	5,215
Skins and hides	10	2,348	456	5,412
Slag	.....	.....	150	.....
Slate	831	.....	831	.....
Soaps and products	2,127	135	2,308	219
Soda and sodium compounds:				
Soda ash	456	.....	456	444
Soda, caustic	243	.....	1,119	.....
Miscellaneous and unclassified	.....	22	.....	204
Soy beans	697	.....	697	17,447
Sugar	109	21,718	15,746	78,602
Sulphur	10,700	.....	26,445	145
Talc	.....	198	36	322
Tallow	.....	1,180	.....	2,131
Tea	58	157	238	1,361
Textiles [9]	4,574	20	11,928	2,756
Tinplate	5,680	281	20,673	792
Tobacco and manufactures	769	246	5,684	307
Toilet preparations	134	.....	295	.....
Turpentine	37	.....	466	.....
Vegetables, dry [8]	.....	7	56	96
Wall board	179	287	262	350
Wax, paraffin	91	3	1,792	272
Wheat	.....	3,810	25	99,686
Wines	143	2,651	740	3,068
Wood pulp	458	8,106	7,226	11,299
Wool	184	1,676	204	7,461
Total, December 1935	178,972	434,592	708,851	1,478,880
Total, December 1934	162,528	517,356	669,155	1,420,155
Total, December 1933	137,575	597,506	510,920	1,680,325

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of December 1935, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	11	58,249	[10] 6,735	6	35,367	68,128
East coast United States and:						
South America	2	12,172	2,428	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,826	[11] 6,685
East coast Canada and:						
South America	.....	.....	.....	3	11,563	22,871
South American intercoastal	2	7,872	14,710	.....	.....	.....
West Indies and:						
United States	1	5,953	.....	1	5,995	11,645
South America	2	12,286	7,000	2	12,094	23,979
Cristobal and United States	.....	.....	.....	1	5,326	10,910
Europe and:						
United States	3	21,815	.....	3	20,440	37,754
South America	8	50,142	.....	6	41,418	81,334
Hawaiian Islands	.....	.....	.....	1	6,232	[12] 13,046
Total	29	168,489	30,873	24	142,261	276,352

[10] Creosote. [11] Coconut oil. [12] Molasses.

Comparison of Canal Traffic in December 1935, with December Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of December			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[13] 98	342	453	1915	[15] 100	[15] 361	[15] 486
1915	[14] 5	8	12	1916	60	199	258
1916	144	467	540	1917	145	483	588
1917	147	482	563	1918	165	547	627
1918	162	533	630	1919	162	510	576
1919	254	927	924	1920	199	712	781
1920	257	1,027	1,077	1921	232	950	966
1921	234	1,017	952	1922	222	951	907
1922	299	1,375	1,535	1923	325	1,550	1,631
1923	500	2,516	2,495	1924	429	2,179	2,249
1924	403	1,989	2,266	1925	382	1,904	1,996
1925	458	2,257	2,358	1926	424	2,064	2,169
1926	436	2,133	2,308	1927	441	2,184	2,311
1927	567	2,615	2,572	1928	521	2,453	2,468
1928	569	2,697	2,713	1929	524	2,485	2,554
1929	510	2,547	2,523	1930	502	2,497	2,502
1930	483	2,472	2,165	1931	447	2,314	2,089
1931	383	2,033	1,649	1932	364	1,977	1,650
1932	384	2,078	1,620	1933	347	1,900	1,513
1933	476	2,617	2,191	1934	436	2,379	2,059
1934	443	2,331	2,089	1935	432	2,317	2,109
1935	459	2,383	2,188	([16])	421	2,233	2,059

[13] Canal opened August 15, 1914. [14] Canal closed part of month due to slides. [15] Average for 10½ months of fiscal year ended June 30, 1915. [16] Average for calendar year 1935.

Terminal Activities

Ships repaired during the month of December 1935 numbered 36, including 15 which were drydocked. Fuel oil in the quantity of 484,444 barrels was delivered as bunkers to 126 commercial ships. Bunker coal amounting to 3,876 tons was delivered to 19 commercial ships. Sales of commissary supplies to ships aggregated $51,435.60.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	25,764	8,772	34,536
Local cargo shipped ... tons	6,589	378	6,967
Cargo received for transshipment ... tons	37,059	1,749	38,808
Cargo transshipped ... tons	40,898	1,769	42,667
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	3	10
Number of releases issued	53	14	67
Tons received	59	15	74
Tons withdrawn	85	6	91

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	525	3,225,299	1,891,800	487	2,936,747	1,733,343
Vessels entering port but not transiting Canal	67	384,815	216,335	12	67,692	36,707
Vessels transiting Canal and handling passengers and cargo at terminal ports	132	878,761	503,796	94	635,336	354,406
Ships clearing						
All vessels, including those transiting Canal	530	3,286,779	1,929,161	484	2,937,277	1,727,881
Vessels clearing port but not transiting Canal	69	420,221	238,022	12	68,141	37,012
Vessels transiting Canal and handling passengers and cargo at terminal ports	135	890,453	510,903	92	621,269	345,754

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, December 15, 1935, to midnight, January 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Peten, 4, 348
West Cactus, 705, 27
Oregon, 167, 359
Sta. Catalina, 467, 129
Barneveld, 220, 127½
Victor Ross, 17,473, 0
Mayan, 663, 755
Santa Inez, 80, 1
Lochmonar, 330, 147
Contessa, 293, 496
Norfolk Maru, 330, 3½
Amasis, 70, 53
Arica, 97, 1,393
Canadian Conqueror, 68, 707
Sta. Barbara, 770, 124
Peter Kerr, 43, 37
San Marcos, 20, 0
R. L. Hustler, 1½, 0
Veragua, 273, 139½
Reina del Pacifico, 198, 10
Hokkai Maru, 0, 247
Colombia, 104, 0
Tivives, 641, 89
Buenaventura, 2,129, 698
Charles Nelson, 282, 0
Axel Johnson, 95, 68
Pastores, 142, 977
Turrialba, 549, 0
Ulua, 577, 195
Alabama, 3, 207
Orazio, 92, 49
Atlantian, 229, 210
Durazzo, 1,210, 740
Istmo, 339, 355
Kinai Maru, 917, 48
Flandre, 81, 446
Trois Ilets, 319, 0
Commercial Alabaman, 112, 120
President Pierce, 158, 1
Veragua, 4, 47
Pasajero, 0, ½
Fulda, 63, 548
Manizales, 0, 779
Damsterdijk, 104, 27
Santa Rosa, 461, 0
San Francisco, 18, 291
Amapala, 394, 486
Mantilla, 8,912, 0
Santa Clara, 268, 44
Salvador, 284½, 465
Sesostris, 245, 72
Ancon, 2,657, 861
Atago Maru, 85, 0
Tai Yang, 392, 0
Granville, 0, 12
Palatia, 138, 1,428
Santa Lucia, 226, 239
Horn Shell, 12,338, 0
Santa Paula, 202, 85
Quirigua, 206, 109
Metapan, 408, 370
Ryoyo Maru, 288, 0
Vancouver, 346, 212
Abana, 84, 461
Jamaica Pioneer, 0, 482
San Bernardino, 549, 10
Noto Maru, 808, 0
Iris, 461, 13
Feltre, 60, 142
Schwaben, 81, 461
Calamares, 534, 402
Colombia, 26, 934
Cali, 1,333, 0
Emergency Aid, 29, 0
Colombia, 51, 705
Istmo, 516, 109
Tainui, 34, 0
Quirigua, 73, 163
Point Brava, 575, 0
Caribia, 459, 8
Hermonthis, 98, 7
Elsie M., 2½, ½
Eridan, 0, 53
Santa Rita, 116, 2
Amerika, 45, 0
Baarn, 48, 425
Santa Monica, 507, 0
Chincha, 92, 273
Contessa, 183, 520
Nietheroy, 0, 142
Witell, 218, 169
Dinteldijk, 355, 90
Sekstant, 481, 513
Punta Arenas, 30, 0
Iris, 4, 92
Eliz. Kellogg, 7,577, 0
Santa Inez, 4, 23
Canada, 5, 249
Peten, 96, 22
Santa Marta, 860, 179
Orduna, 93, 72
Goslar, 101, 247
Portland, 100, 79
Guayaquil, 2,017, 612
Toloa, 464, 173
Haiti, 130, 925
Chimu, 100, 678
Mayari, 291, 12
Platano, 48, 0
Cerigo, 1,383, 516
Wanderer, 201, 11
Niel Maersk, 178, 5
Washington, 27, 164
Tokai Maru, 921, 48
Peten, 69, 54
Jefferson Myers, 320 21
India, 0, 2
Istmo, 657, 34
Santa Elena, 420, 18
Rhakotis, 270, 23
Sona, 30, 12
Venezuela, 105, 5
Amapala, 237, 437
Caribia, 98¼, 1,678
Acajutla, 354, 203
Cristobal, 4,917, 638
Santa Maria, 572, 79
Benj. Franklin, 10, 0
Boskoop, 119, 184
Elbe, 163, 160
Wisconsin, 121, 9
Trois Ilets, 0, 23
Cali, 0, 545
Santa Clara, 262, 300½
Jamaica Progress, 0, 443
Canadian Cruiser, 62, 76
Veragua, 176, 41
Santa Rosa, 165, 256
Reaper, 1,215, 0
Osnabruck, 132, 292
Sixaola, 554, 445
Manizales, 1,150, 0
Leticia, 53, 89
Tacoma, 553, 173
Ulua, 420, 380½
Pastores, 172½, 1,069
Venezuela, 44, 573
Istmo, 331, 101
Hoegh Merchant, 445, 0
Trois Ilets, 243, 0
Veragua, 452, 125
Cacique, 437, 0
Nako Maru, 812, 0
Syra, 30, 438
Santa Barbara, 194, 34
Mayan, 496, 0
Lobos, 82, 366
Cuba, 40, 4
San Diego, 124, 297
Este, 18, 224
Contessa, 296, 130
Delftdijk, 54, 0
Juan S. Elcano, 243, 654½
Lochkatrine, 195, 41
Andino, 6,073, 0
Dalhanna, 153, 17
Margaret Johnson, 108, 7

BALBOA

Antigua, 389, 199
Peter Maersk, 165, 22
Iocoma, 35, 20
Santa Inez, 43, 0
Pres. Van Buren, 16, 0
Sta. Barbara, 0, 207
Pennsylvania, 10, 125
Axel Johnston, 1,887, 0
Istmo, 370, 0
Ward, 234, 0
Chiriqui, 326, 394
Mayan, 0, 73
Santa Rosa, 126, 0
Santa Clara, 44, 0
Salvador, 1, 0
Tai Yang, 115, 1
Santa Paula, 47, 87
Santa Lucia, 137, 88
Bokuyo Maru, 16, 0
Talamanca, 420, 32
St. Mihiel, 66, 74
Baarn, 52, 200
Santa Monica, 0, 10
Chiucha, 124, 0
Pres. Garfield, 20, 10
California, 10, 97
Chaumont, 8, 0
Badger, 10, 0
Republic, 595, 67
West Nilus, 1,763, 44
Chimu, 90, 27
Antigua, 278, 0
Sekstant, 0, 19
Santa Elena, 94, 0
El Mirlo, 11,505, 0
Santa Maria, 13, 0
Cuzco, 300, 0
Benj. Franklin, 562, 0
San Bruno, 0, 60
Santa Clara, 268, 3
Santa Rosa, 35, 0
Plow City, 215, 0
Chiriqui, 365, 11
Huguenot, 9,500, 0
Ludington, 782, 0
Santa Barbara, 29, 38

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Passengers from ocean vessels disembarking at Cristobal numbered 1,909; embarking, 1,626; at Balboa, 1,147 disembarking and 758 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,480, from the Pacific to the Atlantic, 2,202. Aircraft numbering 37 entered Cristobal, and 163 passengers disembarked; clearances were 37, with 137 passengers embarking; at Balboa entries of aircraft were 17, with 33 passengers disembarking; clearances, 17, with 43 passengers embarking.

Coal

Coal, bunker, U.S. Navy Standard Pool No. 1, run-of-mine, Pocahontas or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Movements of Ocean Vessels Through the Panama Canal

From midnight December 15, 1935, to midnight January 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Loreto [2]	15	16	Brit.	Pacific Steam Nav. Co	Hull, England	Magall'es, Chile	General	4,909
Steel Scientist	15	16	Amer.	Isthmian S.S. Lines	Baltimore, Md.	Singapore, St. Set	Gen., autos.	7,889
Istmo	14	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	320
Cortona	16	16	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B.C.	General	761
Canadian British-er.	15	16	Brit.	Can. Nat. Steamships	Montreal, Can.	Melbourne, Aus'ia	General	3,530
Cerigo	8	16	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Guayaquil, Ecua.	General	254
Lapwing [10]	...	...	Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Borgestad [2]	17	17	Nor.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Concentrates	5,497
Henry D. Whiton	17	17	Amer.	Union Sulphur Co.	New Orleans, La.	Dupont, Wash.	Sulphur	6,400
Wiegand	16	17	Ger.	North German Lloyd.	Galveston, Tex.	Dunedin, N.Z.	Sulphur, gen.	6,762
Ionic Star	17	17	Brit.	Blue Star Line	Cardiff, England.	Seattle, Wash.	Ballast	.....
Victor Ross [1] [2]	16	17	Pan.	Panama Transp. Co.	Aruba, D.W.I.	Talara, Peru	Ballast	.....
W. S. Miller [1]	17	17	Amer.	Standard Oil Co.	Tiverton, R.I.	Los Angeles, Cal.	Ballast	.....
Knoxville City	17	17	Amer.	Isthmian S.S. Lines	Portland, Me.	Seattle, Wash.	General	5,515
Trontolite [1] [2]	17	17	Brit.	Imperial Oil Co.	Montreal, Can.	Talara, Peru	Gasoline	2,428
Minnesotan	17	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,333
Rockpool	17	17	Brit.	Anglo-Can. S.S. Co.	Barry, England.	Vancouver, B.C.	Ballast	.....
Kurama Maru [2]	17	18	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Osaka, Japan	Scrap, cotton	7,309
Annetta I [2]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Dalcroy	17	18	Brit.	Canadian Transp. Co.	Montreal, Can.	N. West'er, B.C.	General	6,612
Point Caleta	18	18	Amer.	Gulf Pacific Line	Houston, Tex.	Seattle, Wash.	Gen., lumber	4,035
Svealand [2]	18	18	Swed.	Ore S.S. Corp.	Sparrows Pt., Md.	Cruz Gr'de, Chile	Ballast	.....
Asosan Maru [2]	18	18	Jap.	Mitsui & Co.	Hopewell, Va.	Moji, Japan	Gen., cotton.	7,721
Sambu [2]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Enoch [3]	18	...	Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [13]	.....	.....
Ionic	19	19	Brit.	Shaw, Savill & Albion	London, England	Auckland, N.Z.	General	4,550
Rio de Janeiro Maru. [2]	18	19	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	([14])	4,750
Aliki	19	19	Greek	S. Livanos	Norfolk, Va.	Callao, Peru	Ballast	.....
K. I. Luckenbach	19	19	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,287
Hoyanger [2]	19	19	Nor.	Westfal, Larsen & Co.	Santa Fe, Arg.	Vancouver, B.C.	Corn, gen.	7,196
Amasis	19	19	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,735
President Van Buren.	20	20	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	7,235
Peter Kerr	19	20	Amer.	Quaker Line	Philadelphia, Pa	Seattle, Wash.	General	1,590
Pennsylvania	20	21	Amer.	Panama-Pacific Line.	New York, N.Y.	S. Francisco, Cal.	General	3,036
Muncaster Castle [2]	19	20	Brit.	Barber Line	New York, N.Y.	Yokohama, Japan	Scrap metal.	4,082
San Marcos	19	20	Amer.	Quaker Line	New York, N.Y.	Seattle, Wash.	General	2,065
El Oso [1]	20	20	Brit.	C. T. Bowring & Co.	Ellesm're Pt., Eng	LaLibertad, Ecua.	Ballast	.....
Persephone [1] [2]	20	20	Pan.	Panama Transp. Co.	Caripito, Venez.	Tocopilla, Chile.	([15])	11,965
Nora Maersk [2]	20	20	Dan.	Maersk Line	Boston, Mass.	Cebu, P.I.	General	7,780
Eidsvold [2]	20	20	Nor.	Kawasaki Line	New York, N.Y.	Kobe, Japan	([16])	6,718
Nordhval [2]	20	20	Dan.	Chile Nit. Sales Corp.	Lake Charles, La.	Tocopilla, Chile.	Ballast	.....
Hokkai Maru [2]	20	20	Jap.	Osaka Shosen Kaisha.	New York, N.Y.	Kobe, Japan	General	7,037
Santa Barbara [2]	19	20	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	2,135
Arica	19	20	Fr.	French Line	Havre, France	Valparaiso, Chile.	([17])	2,091
Golden Harvest	20	20	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	S. Francisco, Cal.	General	2,805
Winslow [5]	...	...	Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
S. M. Spalding [1]	20	21	Amer.	Standard Oil Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Hanley	20	21	Amer.	Pacific Direct Line	New York, N.Y.	Tacoma, Wash.	([18])	4,331
Balboa [2]	20	21	Swed.	Johnson Line	Norrkoping, Swed	Vancouver, B.C.	([19])	4,260
Fernbrook [2]	21	21	Nor.	Fern Line	New Orleans, La.	Osaka, Japan	Cotton, gen.	6,576
Calmar	21	21	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,615
Pluviose [1]	21	21	Fr.	Raffinerie de Berre	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
Washington Express. [2]	21	21	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	.....
Charles Nelson	21	21	Amer.	Nelson Line	New York, N.Y.	Seattle, Wash.	General	3,102
Montanan	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,211
Axel Johnson [2]	21	23	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B.C.	([20])	2,473
Athelcrown [1] [2]	21	21	Brit.	United Molasses Co.	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	.....
Orazio [2]	21	22	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	545
Tuscaloosa City	21	22	Amer.	Isthmian S.S. Lines	Portland, Me.	Vancouver, B.C.	General	5,211
Imperial Valley	22	22	Brit.	States Marine Corp.	Baltimore, Md.	Yokohama, Japan	Cotton	7,563
Makiki	22	22	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hawaiian Islands	General	5,072
Turrialba	21	23	Amer.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Eglantine	22	22	Amer.	Lykes Bros., Ripley	Pt. Arthur, Tex.	Cebu, P.I.	General	7,454
Arna	22	22	Nor.	Hasegava Shoten	Boston, Mass.	Kamaishi, Japan.	Scrap steel	7,031
Bastidas [4]	1-5	22	Col.	Colombian Goverm't.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Mayan	16	23	Amer.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	754
Pacific Pioneer [2]	23	23	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B.C.	General	845
F. J. Wolfe [1] [2]	22	23	Pan.	Panama Transp. Co.	Hamburg, Ger.	El Segundo, Calif	Ballast	.....
Mercury Sun [1] [2]	22	23	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Suwied	23	23	Amer.	Kerr, Gifford & Co.	New Orleans, La.	Portland, Oreg.	Oyster shell.	1,890

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [10] Mine sweeper. [13] For bananas and return to Cristobal, C.Z. [14] Cotton, coffee, etc. [15] Fuel and Diesel oil. [16] Cotton and fertilizer. [17] General, iron, lead, etc. [18] Steel, automobiles, general. [19] Paper, pulp, general. [20] General, paper, cement.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Antofogasta	22	23	Chile	Cia. Chile de Nav. Int.	New York, N.Y.	Valparaiso, Chile.	Sugar, autos.	4,642
Buffalo Bridge	23	23	Amer.	Nelson Line	Houston, Tex.	Los Angeles, Cal.	Ballast	.....
Marore	23	23	Amer.	Ore S.S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Gypsum King	23	23	Brit.	Gypsum Packet Co.	Portland, Me.	Puntarenas, C.R.	Steel rails	2,650
Manizales	15	23	Ger.	North German Lloyd	Cristobal, C.Z.	Guayaquil, Ecua.	General	779
Istmo	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	350
West Cape	23	23	Amer.	McCormick S.S. Co.	New York, N.Y.	Tacoma, Wash.	General	3,532
Nardana	23	23	Brit.	Brit. India Stm. Nav.	Newcastle, Eng.	Dunedin, N.Z.	General	3,392
Burton E.O'Brien[4]	18	23	Pan	United Fruit Co.	Cristobal, C.Z.	Champ'ico, Guat.	Ballast	.....
Damsterdijk[2]	23	24	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B.C.	General	1,790
Oiseau des Iles[3]	23	24	Fr.	Phosphate Oceanic Co.	Nantes, France	Tahiti	Coal, general	191
Fulda[2]	23	24	Ger.	North German Lloyd	Hamburg, Ger.	Valparaiso, Chile.	([13])	6,818
Nebraskan	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,347
Eridan[2]	24	24	Fr.	Messageries Marit'es.	Marseilles, France	Noumea, N.Caled	General	1,840
San Francisco	24	25	Fr.	French Line	Havre, France	Vancouver, B.C.	([14])	4,032
Edgar F. Luckenbach.	24	25	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,347
City of Khios	24	25	Brit.	Ellerman & Bucknall	New York, N.Y.	Shanghai, China	General	1,441
Kishacoquillas[1]	25	25	Amer.	Reilly Tar & Chem.Co.	New York, N.Y.	Seattle, Wash.	Creosote	6,735
Indra[2]	25	25	Nor.	Knut Knutsen Line	Goth'burg, Swed.	Corral, Chile	General	2,540
Sunoil[1 2]	25	25	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
King Edwin[2]	25	26	Brit.	Eagle Oil Co.	Tampico, Mexico.	Dunedin, N.Z.	Asphalt	5,393
Cambridge	25	26	Brit.	Amer.-Australian Line	Falmouth, Eng.	Brisbane, Aus'lia.	General	5,544
Sambu[2]	24	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Real[2]	24	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Sona[2]	24	...	Pan	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
President Taft	26	27	Amer.	Dollar Line	New York, N.Y.	Kobe, Japan	General	3,082
Phaeax	25	27	Greek	S. Paramythiotis	Grangem'th, Eng.	Vancouver, B.C.	Ballast	.....
Willkeno	25	26	Amer.	Williams S.S. Co.	Bridgeport, Conn.	Tacoma, Wash.	General	3,290
William Luckenbach.	26	26	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,800
Brunswick[1 2]	26	26	Pan	Stand. Franco-Amer.	Havre, France	Talara, Peru	Ballast	.....
Weirbank[2]	26	27	Brit.	Czarnikov	Manati, Cuba	Auckland, N.Z.	Sugar	7,877
Enoch[3]	26	...	Pan	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z.[15]	.....	.....
Suomen Joutsen[1 3]	26	30	Fin.	Finnish Government.	Helsinki, Finland.	Valparaiso, Chile.	Ballast	.....
Calgarolite[1 2]	26	27	Brit.	Imperial Oil Co.	Baltimore, Md.	Lobitos, Peru	Ballast	.....
President de Vogue.[1 2]	26	27	Nor.	Comp. des Prod. Chm. Raffineries de Berre	Marseilles, France	Talara, Peru	Ballast	.....
Tilthorn	27	27	Nor.	Chile Nit. Sales Corp.	Charleston, S.C.	Iquique, Chile	Ballast	.....
Moldanger[2]	27	27	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	General	45
Santa Lucia	26	28	Amer.	Grace Line	New York, N.Y.	SanAntonio,Chile	General	2,258
Santa Paula	27	28	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal.	Coffee, gen.	3,298
Amerikaland[2]	27	28	Swed.	Ore S.S. Corp.	New York, N.Y.	Cruz Gr'de, Chile	Ballast	.....
Alynbank[2]	27	28	Brit.	American Cot. Corp.	New Orleans, La.	Kobe, Japan	Cotton	5,184
Colon[2]	26	.	Pan	Irving List	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Abana	27	28	Ger.	North German Lloyd	Hamburg, Ger.	Champ'ico, Guat.	General	2,461
Annetta I[2]	21	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Hagan[1]	28	28	Amer.	Pennsylvania Ship.Co.	Rensselaer, N.Y.	Los Angeles, Cal.	Ballast	.....
City of Dalhart[2]	28	28	Amer.	Roosevelt S.S. Co.	Baltimore, Md.	Shanghai, China	General	4,682
San Bernardino	27	28	Amer.	Quaker Line	Albany, N.Y.	Seattle, Wash.	General	3,855
Remuera	28	29	Brit.	N.Z. Shipping Co.	London, England.	Auckland, N.Z.	General	7,050
Musa	28	31	Pan.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	.....
Breezin' Thru[6]	23	30	Amer.	Albert Pack. Corp.	Chicago, Ill.	Los Angeles, Cal.	Ballast	.....
Schwaben	28	29	Ger.	North German Lloyd	Hamburg, Ger.	Vancouver, B.C.	General	7,056
Timber Rush	28	29	Amer.	Shepard S.S. Co.	N. Bedford, Mass.	Portland, Oreg.	General	5,390
Strassa[2]	28	29	Swed.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	.....
Georgian	28	29	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Portland, Oreg.	General	2,710
Emergency Aid	29	29	Amer.	Pac. Arg.-Brazil Line	Rosario, Arg.	S. Francisco, Cal.	([16])	6,766
Katsuragi Maru[2]	29	29	Jap.	Kokusai K. Kaisha	New York, N.Y.	Osaka, Japan	Cotton, etc.	7,273
Mabriton	29	30	Brit.	R. Chapman & Son.	Port Said, Egypt.	Vancouver, B.C.	Ballast	.....
Real[2]	28	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Sambu[2]	28	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Tuira[2]	28	.	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	.....
Gisla[2]	29	30	Nor.	Wessel, Duval & Co.	New York, N.Y.	Valparaiso, Chile.	General	1,700
Steel Voyager	29	30	Amer.	Isthmain S.S. Lines	Hopewell, Va.	Tacoma, Wash.	Steel, gen.	7,077
Pennmar	29	30	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,367
Pajala[2]	30	30	Swed.	G. R. Angesberg	Baltimore, Md.	Tocopilla, Chile.	Ballast	.....
Nordpol[2]	30	30	Dan.	Canadian Transp. Co.	Georget'n, B.G.	Vancouver, B.C.	Sugar	4,500
Sutherland[2]	30	30	Brit.	B. J. Sutherland & Co.	Gibraltar	Vancouver, B.C.	Ballast	.....
Istmo	29	30	Pan.	Elliot Ship.& Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	150
Durazzo	21	31	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Callao, Peru	General	740
Salvador	24	31	Brit.	Pac. Steam Nav. Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	465
Point Brava	30	31	Amer.	Swayne & Hoyt	New Orleans, La.	Puget Sd., Wash.	Steel, paper	2,580
Hermonthis[2]	30	31	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	5,434
Marguerite Finaly.[1 2]	30	31	Fr.	Standard Oil Co.	Fawley, England.	Talara, Peru	Ballast	.....
Ainderby	30	31	Brit.	Sir R. Ropner & Co.	S. Shields, Eng.	Vancouver, B.C.	Ballast	.....
Modavia[2]	30	31	Brit.	Donaldson Bros	Glasgow, Scot.	Vancouver, B.C.	General	510

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [6] Yacht. [13] Cement, general, automobiles. [14] General, coke, felt, etc. [15] For bananas and return to Cristobal, C.Z. [16] Coffee, corn, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cathwood [1]	30	31	Amer.	Union Oil Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Devon City [2]	30	31	Brit.	Sir W. R. Smith & Son	Cardiff, England.	Vancouver, B.C.	Ballast	
Chaucer	30	31	Brit.	Shakespear Ship. Co.	Cardiff, England.	Arica, Chile	Ballast	
Baarn	31	1–1	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,369
Amerika [2]	31	31	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B.C.	General	158
Chincha	31	1–1	Amer.	Grace Line	New York, N.Y.	Talcahuano, Chile	General	1,471
Laura	31	1	Dan.	J. Lauritzen	Haifa, Palestine	Seattle, Wash.	Ballast	
Romsdalshorn	1–1	1	Nor.	Chile Nit. Sales Corp.	Wilmington, N.C	Tocopilla, Chile	Ballast	
Absaroka	1	1	Amer.	McCormick S.S. Co.	Boston, Mass.	Seattle, Wash.	General	1,562
Nevadan	1	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,298
Silveryew [2]	1	1	Brit.	S. & J. Thompson, Ltd.	Halifax, N.S.	Singapore, St. Set.	General	2,973
Real [2]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Enoch [3]	1		Pan.	E. J. Hooper	Cristobal, C.Z.	Gatun, C.Z. [14]		
Mauna Kea	1	2	Amer.	Matson Nav. Co.	Baltimore, Md.	Hawaiian Islands	([15])	2,821
Gypsum Prince	2	2	Brit.	Concorcio Agri. Explo. Covaderas Santiago.	Baltimore, Md.	Iquique, Chile	Ballast	
Point Ancha	2	3	Amer.	Gulf-Pac. Mail Line.	Lake Charles, La.	Seattle, Wash.	General	3,731
Iris	2	2	Neth.	Royal Neth. S.S. Co.	Cartagena, Col.	Guayaquil, Ecua.	General	143
Susan V. Luckenbach.	2	2	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,249
Teal [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Col. Riche [5]			Amer.	U.S. Army	Cristobal, C.Z.	Balboa, C.Z.	Towingbarge	
President Garfield	3	3	Amer.	Dollar Line	New York, N.Y.	S. Francisco, Cal.	General	5,899
Suriname	31	3	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P.	Ballast	
Herman Frasch	2	3	Amer.	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	6,400
California	3	4	Amer.	Panama-Pacific Line.	New York, N.Y.	S. Francisco, Cal.	General	2,110
Elizabeth Kellogg. [1]	2	3	Amer.	Kellogg S.S. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	
Port Melbourne	2	3	Brit.	Com'lth & Dom. Line	Newcastle, Eng.	Frem'tle, Aus'lia	General	10,491
Boulderpool	2	3	Brit.	Sir R. Ropner & Co.	Pern'buco, Brazil	Vancouver, B.C.	Ballast	
Heffron	2	3	Amer.	Pac. Coast Dir. Line.	New York, N.Y.	Everett, Wash.	([16])	3,066
Santa Inez [2]	2	3	Amer.	Grace Line	New York, N.Y.	Valparaiso, Chile.	General	1,100
Rose [2]	3	3	Nor.	Maersk Line	Newp't News, Va.	Shanghai, China	General	6,306
Medon [9]	3	3	Brit.	Alfred Holt & Co.	Liverpool, Eng.	Osaka, Japan	([17])	3,998
Surrey	3	4	Brit.	Federal Steam Nav. Co.	Glasgow, Scot.	Melbourne, Aus'ia	General	4,549
Orduna	3	3	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Talcahuano, Chile	General	3,531
Portland [2]	3	4	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B.C.	General	6,263
Snestad [2]	3	4	Nor.	Fern Line	Boca Grande, Fla.	Yokohama, Japan	Phosphates	7,000
Athelempress [1] [2]	3	4	Brit.	General Pet. Corp.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Barbara Cates	4	4	Amer.	Christenson S.S. Co.	Baltimore, Md.	Seattle, Wash.	General	4,540
Badger, No. 126 [9]	4		Amer.	U.S. Navy	Guantan'o, Cuba	Balboa, C.Z.	Ballast	
Mayari	4	4	Pan.	United Fruit Co.	Charleston, S.C.	Pto. Arm'les, R.P.	([18])	3,000
Republic [8]	4	5	Amer.	U.S. Army	Brooklyn, N.Y.	Honolulu, T.H.	General	2,046
Alhena	4	4	Neth.	Royal Neth. S.S. Co	Rotterdam, Neth.	Vancouver, B.C.	Ballast	
Berganger [2]	4	5	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Vancouver, B.C.	([19])	495
Graham, Jr. [5]			Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	
Arizonan	4	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,288
Intrepid [6]	23		Amer.	Harry Evans	New York, N.Y.	South Sea Is'lds.	Ballast	
Kwanto Maru [2]	5	5	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	([20])	6,956
Montgomery City	5	5	Amer.	Isthmian S.S. Lines	Portland, Oreg.	Tacoma, Wash.	([21])	5,172
Dorothy Luckenbach.	5	5	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	6,483
G-29 [13]	23	6	Mex.	Mexican Government.	Pt.-of-Spain, Trin.	Mexico	Ballast	
Chimu [2]	4	6	Amer.	Grace Line	New York, N.Y.	Pisco, Peru	General	1,550
Col. Riche			Amer.	U.S. Army	Cristobal, C.Z.	Gatun, C.Z.	Ballast	
York [12]	6		Brit.	British Government	Kingston, Jam.	Balboa, C.Z.	Ballast	
Platano	4	7	Pan.	United Fruit Co	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	
S-10 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
S-11 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
S-13 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Mallard [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Fordsdale	6	12	Brit.	Shaw, Savill & Albion	London, England	New Zealand	Ballast	
Sekstant	1	6	Nor.	Grace Line	Cristobal, C.Z.	Champ'ico, Guat.	General	607
Trois Ilets	22	6	Fr.	French Line	Cristobal, C.Z.	B'ventura, Col.	General	17
Cali	28	6	Ger.	North German Lloyd.	Cristobal, C.Z.	Guayaquil, Ecua.	General	532
Taranger [2]	6	6	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Vancouver, B.C.	Ballast	
Jefferson Myers	6	6	Amer.	Quaker Line	Philadelphia, Pa.	Puget Sd., Wash.	General	3,435
San Jose	6	7	Amer.	United Fruit Co.	Habana, Cuba	Pto. Arm'les, R.P.	Ballast	
Annetta I. [3]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Chester Sun [1] [2]	6	7	Amer.	Sun Oil Co.	Perth Amboy, N.J	Los Angeles, Cal.	Ballast	
Pukkastan	6	7	Brit.	Empire Shipping Co.	Barry, England	Vancouver, B.C.	Ballast	
Istmo	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	60
Hindenburg	7	7	Ger.	Hamburg-Amer. Line.	Houston, Tex.	Shanghai, China	General	5,699
Californian [2]	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,643
Erviken	6	7	Nor.	Chile Nit. Sales Corp.	Nuevitas, Cuba	Tocopilla, Chile	Ballast	
Ruahine	7	8	Brit.	N.Z. Shipping Co.	London, England	N. Plym'th, N.Z.	General	5,774

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [9] Destroyer. [10] Mine sweeper. [12] Cruiser. [13] Coast guard. [14] For bananas and return to Cristobal. [15] Autos, steel, and general. [16] Steel, pipe, and general. [17] Cotton, drums of oil. [18] Lumber and railroad materials. [19] Cottonseed oil. [20] Scrap iron and general. [21] General and steel products.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Stella	8	8	Dan.	Wessel, Duval & Co.	New York, N.Y.	Talcahuano, Chile	General	588
Sona [2]	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pedregal, R.P.	Autos, gen.	12
King Bleddyn	8	9	Brit.	Eagle Oil Ship. Co.	Tampico, Mexico	Adelaide, Aus'lia	Asphalt	7,802
Hadleigh	8	9	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B.C.	Ballast	
Benjamin Franklin. [2]	8	10	Nor.	Fred Olsen & Co.	Antwerp, Belg.	Vancouver, B.C.	Steel, gen.	5,570
Tricolor [2]	9	9	Nor.	Barber Line	New York, N.Y.	Yokohama, Japan	([14])	4,965
Chinese Prince [2]	9	9	Brit.	States Marine Corp.	Norfolk, Va.	Yokohama, Japan	([15])	7,322
Elbe [2]	9	9	Ger.	North German Lloyd	Bremen, Ger.	Vancouver, B.C.	General	5,261
City of Manchester.	9	10	Brit.	Ellerman & Bucknall	New York, N.Y.	Adelaide, Aus'lia	General	5,256
Teal [10]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Willboro	9	10	Amer.	Williams S.S. Co.	Baltimore, Md.	Seattle, Wash.	General	3,438
Canadian Cruiser	9	10	Brit.	Can. Nat. Steamships.	Halifax, N.S.	Wellington, N.Z.	General	4,521
Wisconsin	9	10	Fr.	French Line	Havre, France	Vancouver, B.C.	Sand, coke	6,909
F. J. Luckenbach	10	10	Amer.	Luckenbach Line	Providence, R.I.	Seattle, Wash.	General	2,992
San Bruno	10	10	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P.	Ballast	
Axios	10	10	Greek	Chile Nit. Sales Corp.	Licata, Sicily	Tocopilla, Chile	Ballast	
Siljestad [2]	10	10	Nor.	Fern Line	Mobile, Ala.	Yokohama, Japan	Gen., cotton	7,169
Santa Rosa	10	11	Amer.	Panama Mail S.S. Co.	New York, N.Y.	S. Francisco, Cal	Gen., coffee	2,490
Santa Clara	9	11	Amer.	Grace Line	New York, N.Y.	San Antonio, Chile	General	2,317
Osnabrueck [2]	10	10	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	Gen., iron	5,833
Kano Maru [2]	10	11	Jap.	Kokusai Kisen Kaisha	New York, N.Y.	Kobe, Japan	Scrap, cotton	5,481
Anglo Australian	10	11	Brit.	Lawther, Latta & Co.	S. Shields, Eng.	S. Francisco, Cal	Ballast	
Nitro [13]	10	14	Amer.	U.S. Navy	Norfolk, Va.	Oahu, Hawaii	Navy stores	3,266
Pacific Trader [2]	10	11	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B.C.	General	544
Llanberis	10	11	Brit.	Llanberis S.S. Co.	Cardiff, England	Vancouver, B.C.	Ballast	
Walter A. Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Autos, gen.	1,206
Justitia	11	11	Brit.	Andrew Weir & Co.	Hopewell, Va.	Frem'tle, Aus'lia	([16])	7,265
Plow City	11	12	Amer.	Nelson Line	Philadelphia, Pa.	S. Francisco, Cal.	General	3,371
Panaman	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,890
Everleigh	11	11	Brit.	Anglo-Can. S.S. Co.	Barry, England	Vancouver, B.C.	Ballast	
Onondaga	10	11	Amer.	Ford Motor Co.	Chester, Pa.	Richmond, Calif.	Auto parts	2,420
Antietam [1]	11	11	Amer.	Shell Oil Co.	Sewaren, N.J.	Los Angeles, Cal	Ballast	
Torvanger	11	12	Nor.	Westfal, Larsen & Co.	Houston, Tex.	Moji, Japan	([17])	8,661
Colon [2]	10		Pan.	Irving List	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Turrialba	11	13	Amer.	United Fruit Co.	New York, N.Y.	Pto. Arm'les, R.P.	Ballast	
Bolivar	11	12	Amer.	Grace Line	New York, N.Y.	Corinto, Nic.	Ballast	
K. R. Kingsbury [1]	12	12	Amer.	Standard Oil Co.	Tiverton, R.I.	Los Angeles, Cal.	Ballast	
Alamar	12	12	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	4,489
Acajutla	7	12	Brit.	Pacific Steam Nav. Co.	Cristobal, C.Z.	Champ'ico, Guat.	General	205
Cerigo	4	12	Ger.	Hamburg-Amer. Line.	Cristobal, C.Z.	Peruvian ports	General	470
Algorab	12	12	Neth.	Joseph Pyle & Sons	St. Thomas, V.I.	Vancouver, B.C.	Ballast	
Sambu [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Sona [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Mataroa	12	13	Brit.	Shaw, Savill & Albion	London, England	Wellington, N.Z.	General	8,346
Montreal Maru	12	13	Jap.	Kawasaki K. Kaisha	New York, N.Y.	Kobe, Japan	([15])	7,215
Istmo	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	B'ventura, Col.	General	105
Norden [1] [2]	13	13	Nor.	Anglo-Saxon Pet. Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Marian Otis Chandler.	13	13	Amer.	McCormick S.S. Co.	Norfolk, Va.	Los Angeles, Cal.	Gen., steel	3,000
Thistleford	13	13	Brit.	Canadian Transp. Co.	Sunderland, Eng.	Vancouver, B.C.	Ballast	
Leticia [2]	13	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Pto. Arm'les, R.P.	General	90
Syra	13	14	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,357
Darien	13	15	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P.	Ballast	
Nojima Maru [2]	14	14	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([18])	6,815
Winkleigh	14	14	Brit.	W. J. Tatem, Ltd.	Barry, England	Vancouver, B.C.	Ballast	
Themisto	14	14	Neth.	Hudig & Veder	Barry, England	Vancouver, B.C.	Ballast	
Junaluska [6]	13		Amer.	R. O. Jackson	New York, N.Y.	San Diego, Calif	Ballast	
Rhein [2]	14	14	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Kobe, Japan	General	6,940
Delftdijk [2]	14	15	Neth.	North Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	General	822
Lobos [2]	14	15	Brit.	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	General	3,565
S-12 [7]			Amer.	U.S. Navy	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Tweedbank [2]	15	15	Brit.	Bank Line	Boston, Mass.	Shanghai, China	General	6,300
Southern Sun [1] [2]	15	15	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Anetta I. [3]	10		Pan.	Elliot Ship. & Land Co.	Cristobal, C.Z.	Balboa, C.Z.	Ballast	
Missourian [2]	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,902
Lochkatrine [2]	15	15	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B.C.	General	1,969
Margaret Johnson. [2]	15	15	Swed.	Johnson Line	Stockholm, Swed.	Portland, Oreg.	Paper, gen.	3,563

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [7] Submarine. [10] Mine sweeper. [13] Auxiliary. [14] Scrap iron, general. [15] Fertilizer and cotton. [16] Nitrates, lubricating oil. [17] Cotton, rails, sulphur, ammonia. [18] Scrap, steel, oil, automobile.

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Oregon [2]	15	17	Fr.	French Line	Vancouver, B.C.	Rotterdam, Neth.	General	8,435
Winslow [5]	16	20	Amer.	U. S. Army	Balboa, C.Z.	Cristobal, C.Z.	Towingbarge	
Oregon Express [2]	15	16	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	([15])	1,600
Mayan	16	23	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	General	593
Walter A. Luckenbach.	15	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,332
Barneveld	16	17	Neth.	Royal Neth. S.S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	7,881
Calliope [1] [2]	16	16	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	11,783
Virginian	16	16	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	Lumber, gen.	9,870
Steel Traveler	16	16	Amer.	Isthmian S.S. Lines	Manila, P.I.	Baltimore, Md.	General	7,783
Santa Catalina [2]	16	17	Amer.	Grace Line	Pisco, Peru	New York, N.Y.	Coffee, gen.	1,000
Somersby	16	16	Brit.	Anglo-Chil [3]. Nit. Co.	Tocopilla, Chile	Azores [14]	Nitrates	8,448
Samuel Bakke [2]	16	16	Nor.	Knutsen Line	Vancouver, B.C.	Manchester, Eng.	General	6,583
West Cactus	16	17	Amer.	McCormick S.S. Co.	Seattle, Wash.	Buenos Aires, Arg	General	4,559
California	16	17	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N.Y.	General	6,904
Quarrington Court	16	17	Brit.	Canadian Transp. Co.	Victoria, B.C.	London, England	Lumber, gen.	10,028
Sambu [2]	17	18	Pan.	E. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	32
Olympia Maru [2]	16	17	Jap.	Mitsubishi Shoji K.	Kobe, Japan	Azores [14]	Soya beans	8,372
Ousebridge	16	17	Brit.	Anglo-Can. S.S. Co.	Pt. Alberni, B.C.	London, England	([16])	9,500
Embassage	17	17	Brit.	Anglo-Can. S.S. Co.	Vancouver, B.C.	Hull, England	Wheat, tim'r	8,632
Norfolk Maru	17	17	Jap.	Kawasaki K. Kaisha.	Tsingtao, China	New Orleans, La.	Silk, gen.	4,045
Amsterdam [1] [2]	17	17	Neth.	Standard Oil Co.	Talara, Peru	Aruba, D.W.I.	([17])	9,500
Santa Inez [2]	17	17	Amer.	Grace Line	Valparaiso, Chile	New York, N.Y.	General	3,025
Lochmonar [2]	17	18	Brit.	Royal Mail Lines	Vancouver, B.C.	Rotterdam, Neth.	General	9,113
Archangelos	17	18	Greek	Chile Nit. Sales Corp.	Iquique, Chile	Hamburg, Ger.	Nitrate soda	8,450
Yorkmar	17	18	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,724
Lapwing [4]	18		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Steel Inventor	18	18	Amer.	Isthmian S.S. Lines	Vancouver, B.C.	Swansea, Wales	Wheat, gen.	7,802
Burton E. O'Brien [4]	18	23	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Towingbarge	
Talamanca	18	19	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Towingbarge	
No. 31021 [13]	18		Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Ballast	
No. 31024 [13]	18		Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Ballast	
No. 31052 [13]	18		Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Ballast	
No. 31053 [13]	18		Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C.Z.	Ballast	
Athelviking [1] [2]	18	18	Brit.	United Molasses Co.	Honolulu, T.H.	Birkenhead, Eng.	Molasses	13,046
Roda [2]	17	18	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile	Hamburg, Ger.	General	7,716
Aurora [2]	18	18	Swed.	W. I. Trading Co.	Powell Riv., B.C.	Houston, Tex.	([18])	6,423
Dakotan	18	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,140
Canadian Conqueror.	18	20	Brit.	Can. Nat. Steamships	Melbourne, Aus'lia	Halifax, N.S.	General	1,974
Hallingdal [2]	19	19	Nor.	Wessel, Duval & Co.	Iquique, Chile	Savannah, Ga.	Nitrates	5,301
Reina del Pacifico. [2]	19	20	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Liverpool, Eng.	General	5,076
Tilsington Court	19	20	Brit.	United Brit. S.S. Co.	Vancouver, B.C.	Liverpool, Eng.	Wheat, gen.	10,105
Mallard No. 44 [4]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
New Orleans [2]	20	20	Amer.	Roosevelt S.S. Co.	Brisbane, Aus'lia.	Baltimore, Md.	General	7,530
Platano	20	20	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,464
S-12 [7]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
S-13 [7]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
S-11 [7]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
S-10 [7]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Point Reyes	20	20	Amer.	Swayne & Hoyt, Ltd.	Portland, Oreg.	New Orleans, La.	General	4,605
Subbase No. 2 [5]	20		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Australind [2]	20	21	Brit.	Colonial Sugar Ref. Co.	Townsville, Au'lia	Lands End, Eng. [14]	Raw sugar	8,154
Canonesa	20	21	Brit.	Blue Star Line	N. Westm'r, B.C.	Hamburg, Ger.	Frozen, gen.	6,259
Annetta I	21	28	Pan.	P. W. Hamilton	Darien, R.P.	Cristobal, C.Z.	Bananas	63
Alabama	21	22	Fr.	French Line	S. Antonio, Chile	Havre, France	General	7,674
Ward [2]	21	21	Amer.	Roosevelt S.S. Co.	Mambagid, P.I.	New York, N.Y.	Sugar, gen.	4,474
Durazzo	21	31	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	Coffee, gen.	1,104
Stjerneborg [2]	21	22	Dan.	C. K. Hansen	Nehouen, Caled.	Baltimore, Md.	Chrome ore	8,000
Andrea F. Luckenbach.	21	22	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,642
Trois Ilets	21	6	Fr.	French Line	B'ventura, Col.	Cristobal, C.Z.	Coffee	290
Washington	21	22	Amer.	Calif. Eastern Line	Portland, Oreg.	New York, N.Y.	([19])	8,673
Istmo [2]	21	23	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	307
Witram	22	22	Ger.	North German Lloyd.	Vancouver, B.C.	Bremen, Ger.	General	7,371
Kina Maru [2]	22	23	Jap.	Osaka Shosen Kaisha.	Davao, P.I.	Baltimore, Md.	General	5,175
Selma City	22	22	Amer.	Isthmian S.S. Lines	Seattle, Wash.	Boston, Mass.	Lumber, gen.	2,084
President Pierce	23	23	Amer.	Dollar Line	Manila, P.I.	New York, N.Y.	General	6,269
Curaca	23	23	Amer.	Grace Co.	Talcahuano, Chile	Boston, Mass.	Nitrates	4,750
Kansan	23	23	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,385
Geddington Court	23	23	Brit.	Anglo-Can. S.S. Co.	Vancouver, B.C.	London, England	([20])	10,000
Santa Rosa	23	24	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	General	3,869
Altuna Mendi	23	24	Span.	Cooper. de Ven. de Sal	Taltal, Chile	Azores [14]	Nitrates	9,150
Marsodak	24	24	Amer.	Nelson S.S. Co.	Seattle, Wash.	New York, N.Y.	Lumber, gen.	4,157
Sambu [2]	23	25	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	21
Real [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	39

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] Barge. [14] For orders. [15] Fresh apples and pears. [16] Lumber, spelter, wheat. [17] Naphtha, kerosene. [18] Paper, shingles. [19] Flour, lumber, general. [20] Grain, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
El Sona [2]	24	25	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	33
Point Bonita	24	24	Amer.	Gulf-Pac. Mail Line.	Seattle, Wash.	Tampa, Fla	Lumber, gen.	4,400
Palatia [2]	24	24	Ger	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger	(16)	822
Salvador	24	31	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C.Z.	General	285
K. R. Kingsbury [1]	24	25	Amer.	Standard Oil Co.	Los Angeles, Cal.	Tiverton, R.I.	Fuel oil	10,220
Silverpalm [2]	24	25	Brit	Silver Line, Ltd.	Calcutta, India	New Orleans, La.	Lumber, gen.	8,600
Oakworth [2]	25	25	Brit	Anglo-Can. S.S. Co.	Pt. Alberni, B.C.	Avonmouth, Eng.	(17)	7,300
Atago Maru [2]	25	26	Jap	Nippon Yusen Kaisha	Manila, P.I.	New Orleans, La.	(18)	4,564
Santa Clara	24	25	Amer.	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	5,383
Oregonian	25	25	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	General	6,200
American Oriole	25	25	Amer.	Puget Sd. Asso. Mills.	Olympia, Wash.	New York, N.Y.	Lumber	7,300
Birmingham City	25	26	Amer.	Isthmian S.S. Lines.	Kaanapali, T.H.	Portland, Oreg.	General	7,476
Tai Yang [2]	25	26	Nor	Barber-Wilhelmsen.	Davao, P.I.	New York, N.Y.	General	4,255
Forbes Hauptman	25	26	Amer.	McCormick S.S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,898
Granville [2]	25	26	Pan	Fred Olsen & Co.	Vancouver, B.C.	Liverpool, Eng.	Grain, gen.	7,399
Julia Luckenbach	25	26	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,247
Fresno Star	25	26	Brit	Blue Star Line, Ltd.	Vancouver, B.C.	Newcastle, Eng.	Fruit, gen.	5,030
Pacific Exporter [2]	25	26	Brit	Furness, Withy & Co.	Victoria, B.C.	London, England	General	8,455
San Anselmo	26	26	Amer.	States S.S. Co	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,946
Geisha [2]	26	26	Nor	Scand. S. Pac. Line	Talcahuano, Chile	Trondhjem, Nor.	General	6,194
Turrialba	26	26	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,500
Colon [2]	26	27	Pan	D. Campodonico	El Real, R.P.	Cristobal, C.Z.	Bananas	48
Hegira	26	26	Amer.	Weyerhaeuser S.S. Co	S. Francisco, Cal.	Norfolk, Va.	Lumber, gen.	10,500
Trontolite [1] [2]	27	27	Brit	Imperial Oil Co.	Talara, Peru	Halifax, N.S.	Gasoline	7,500
Victor Ross [1] [2]	27	27	Pan	Panama Transp. Co.	Talara, Peru	Fawley, England.	(19)	17,157
Vancouver [2]	27	28	Ger	Hamburg-Amer. Line.	Vancouver, B.C.	Hamburg, Ger.	(20)	8,333
Ryoyo Maru [2]	26	27	Jap	Kawasaki K. Kaisha.	Shanghai, China.	New York, N.Y.	Raw silk, gen.	4,502
American	26	27	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Bridgep't, Conn.	Lumber, gen.	7,597
Dorothy Cahill	27	27	Amer.	Arrow Line	Portland, Oreg.	Baltimore, Md.	Lumber	6,550
Port Hunter	27	28	Brit	Com'lth & Dom. Line	Lyttleton, N.Z.	Glasgow, Scot	(21)	8,721
Evagoras	27	28	Brit	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [15]	Nitrate soda.	8,450
Noto Maru [2]	28	28	Jap	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	5,396
Sambu [2]	28	29	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	16
Real [2]	28	29	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	42
Tuira [2]	28	29	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	60
Iris	28	2	Neth.	Royal Neth. S.S. Co.	Guayaquil, Ecua.	Cristobal, C.Z.	General	371
Cali	28	6	Ger	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z.	General	1,187
Bonnington Court	28	28	Brit	Canadian Transp. Co.	Vancouver, B.C.	London, England	General	8,500
Feltre [2]	28	29	Ital	Nav. Libera Triestina	Vancouver, B.C.	Trieste, Italy	General	3,207
Southern Sun [1] [2]	28	28	Amer.	Sun Oil Co.	El Segundo, Calif	Chester, Pa.	Gasoline	13,704
El Oso [2]	28	28	Brit	C. T. Bowring & Co.	La Libertad, Ecu.	Ellesm're Pt., Eng.	Crude oil	9,882
Deebank	28	28	Brit	Colonial Sugar Ref. Co.	Suva, Fiji Is.	United Kingdom	Sugar	8,022
Steelore	29	29	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Tresillian	29	29	Brit	Hain S.S. Co.	Ant'fagasta, Chile	Alexandria, Egypt	Nitrates	8,300
Corrientes	29	29	Brit	Donaldson Bros., Ltd.	Vancouver, B.C.	Glasgow, Scot.	Fruit, gen.	5,285
Istmo	29	30	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	468
Tainui	29	30	Brit	Shaw, Savill & Albion	Lyttleton, N.Z.	London, England	Frozen, gen.	4,921
Pluviose [1]	29	30	Fr	Raffineries de Berre.	Talara, Peru	Berre, France	Crude oil	13,066
Magmeric	30	30	Amer.	Sudden & Christenson	Portland, Oreg.	New York, N.Y.	Lumber	6,000
Prince Rupert City.	30	30	Brit	Reardon-Smith Line.	Vancouver, B.C.	London, England	Grain	8,100
Vermar	30	31	Amer.	Calmar S.S. Corp.	Seattle, Wash.	New York, N.Y.	Lumber, gen.	7,091
California Standard. [1] [2]	30	30	Pan	Foreign Tank. Corp.	El Segundo, Cal.	London, England	Gasoline	14,670
Columbian	30	30	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,660
Virginia	30	31	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N.Y.	General	7,170
Talaralite [1]	30	31	Brit	Imperial Oil Co	Talara, Peru	Halifax, N.S.	Crude oil	3,506
Harry Luckenbach.	31	31	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	General	6,400
Annetta I. [2]	31	7	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	61
Santa Monica [2]	31	31	Amer.	Grace Line	Pisco, Peru	New York, N.Y.	General	1,405
Santa Rita [2]	31	31	Amer.	Grace Line	Valparaiso, Chile.	New York, N.Y.	General	2,745
Real [2]	31	1	Pan	A. Valdes	Bayano, R.P.	Cristobal, C.Z.	Bananas	28
Willamette Valley. [2]	31	1	Brit	Reardon-Smith Line.	Vancouver, B.C.	Liverpool, Eng.	General	7,933
Sekstant	1	6	Nor	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	General	469
Nietheroy	1	1	Brit	Royal Mail Lines	N. Westm'r, B.C.	Rotterdam, Neth.	Frozen, gen.	4,003
Witell	1	2	Ger	North German Lloyd.	Vancouver, B.C.	Bremen, Ger.	General	6,774
Viking Star	1	1	Brit	Blue Star Line.	N. Westm'r, B.C.	Liverpool, Eng.	Frozen, gen.	4,662
Dinteldijk [2]	1	2	Neth.	Holland-Amer. Line.	Victoria, B.C.	Rotterdam, Neth.	General	9,842
Stelvio [1] [2]	1	2	Ital	Nav. Alta Italia	Los Angeles, Cal.	Genoa, Italy	Gasoline	9,092
Agire Mendi	1	1	Span.	Sota & Aznar	Tocopilla, Chile.	Spain	Nitrates	8,300
Chilore	1	2	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
San Vincente	1	2	Amer.	Quaker Line.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,420
Pan Aruba [1] [2]	1	2	Nor	Standard Oil Co., N.J.	Talara, Peru	Aruba, D.W.I.	Oil, gasoline.	13,685
Punta Arenas	2	2	Chile	Chile-N. Amer. Line.	Valparaiso, Chile.	New York, N.Y.	Ores, gen.	5,298
Point Gorda	2	2	Amer.	Gulf-Pacific Line.	S. Francisco, Cal.	Tampa, Fla	General	3,750
Brighton	2	2	Brit	R. Chapman & Sons.	Vancouver, B.C.	United Kingdom.	Wheat	8,220

[1] Tanker. [2] Motor ship. [15] For orders. [16] Coffee, honey, balsam. [17] Wheat, lumber. [18] Coconut oil, general. [19] Crude and Diesel oil. [20] Lumber, grain, coffee. [21] Dairy products, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Goslar	2	3	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	General	8,870
Canada [2]	2	4	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	Wheat, gen.	8,266
Katrina Luckenbach.	2	3	Amer.	Luckenbach Line	S. Francisco, Cal.	Mobile, Ala	Sugar, gen.	6,622
Dallington Court	2	3	Brit.	Canadian Transp. Co.	Vancouver, B.C.	Garston, Eng.	([15])	10,000
Musa	3	3	Pan.	United Fruit Co	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,038
Anniston City	3	3	Amer.	Isthmian S.S. Co.	Vancouver, B.C.	Avonmouth, Eng.	General	8,026
Nordbo [2]	3	3	Dan.	Anglo-Can. S.S. Co.	Vancouver, B.C.	Liverpool, Eng.	Wheat, gen.	7,271
Lake Gorin	2	3	Amer.	Dutton Lumber Corp.	Everett, Wash.	New York, N.Y.	Lumber	2,444
Wind Rush	3	3	Amer.	Shepard S.S. Co	Seattle, Wash	Boston, Mass.	Lumber, gen.	7,730
Sonnavind [2]	3	3	Nor.	Anglo-Can. S.S. Co.	Nanoose, B.C	London, England	Lumber, gen.	7,800
Dauntless [5]	3		Amer.	Everson Biddle	Balboa, C.Z.	Cristobal, C.Z.	Ballast	
Riche [5]	3	5	Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.		
Calgarolite [1] [2]	3	4	Brit.	Imperial Oil Co.	Lobitos, Peru.	Halifax, N.S.	Crude oil	16,166
Brunswick [1] [2]	3	4	Pan.	Standard Oil Co	Talara, Peru	Havre, France	Crude oil	13,104
Ohioan	4	4	Amer.	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass.	General	6,502
Cerigo	4	12	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C.Z.	General	1,079
San Gabriel	4	4	Amer.	Pac.-Atlantic S.S. Co.	Seattle, Wash	Philadelphia, Pa	Lumber, gen.	6,413
President de Vogue. [1] [2]	4	4	Nor.	Raffineries de Berre.	Talara, Peru	Pt. de Boue, Fr.	Crude oil	13,609
Wisconsin	4	5	Amer.	McCormick S.S. Co.	Seattle, Wash.	Wilmington, Del	Lumber, gen.	7,924
Winslow [5]	4		Amer.	U.S. Army	Balboa, C.Z	Cristobal, C.Z.	Towing barge	
Uyo Maru [2]	4	5	Jap.	Mitsui Line	Penang, Str. Set.	New York, N.Y.	Silk, gen.	4,911
Washington [2]	5	5	Fr	French Line	Vancouver, B.C.	Rotterdam, Neth.	Gen., lumber	8,318
California Express. [2]	5	5	Nor.	Fruit Express Line	Vancouver, B.C.	Glasgow, Scot.	Fresh fruit	1,787
Tokai Maru [2]	5	6	Jap.	Osaka Shosen Kaisha.	Davao, P.I.	New York, N.Y.	General	5,540
Niel Maersk [2]	5	5	Dan.	Isbrandtsen Moller Co.	Manila, P.I	Savannah, Ga.	General	5,818
Svealand [2]	5	6	Swed	Ore S.S. Corp	Cruz Gr'de, Chile	Sparrows Pt. Md.	Iron ore	22,000
Chaumont	3	7	Amer.	U.S. Navy	S. Francisco, Cal.	Norfolk, Va	Navy stores	1,483
Brynje [2]	5	6	Nor.	Canadian Transp. Co.	Vancouver, B.C.	Hull, England	([15])	6,712
Istmo	5	7	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C.Z.	Coffee	595
Waipawa [2]	5	6	Brit.	Shaw, Savill & Albion	N.Plymouth, N.Z.	Glasgow, Scot.	General	10,807
Christy Payne [1]	6	6	Amer.	Shell Oil Co	Los Angeles, Cal.	Sewaren, N.J.	Gasoline	10,254
India [2]	6	6	Dan.	East Asiatic Co.	Vancouver, B.C.	Hull, England	General	11,366
Pacific	6	6	Amer.	Weyerhaeuser S.S. Co.	Everett, Wash.	Philadelphia, Pa.	Lumber	8,071
Santa Elena	6	7	Amer.	Grace Line	S. Francisco, Cal.	New York, N.Y.	Coffee, gen.	4,062
District of Columbia. [1]	6	6	Amer.	Standard Oil Co	Los Angeles, Cal.	Tiverton, R.I.	Fuel oil	9,100
Rhakotis	6	7	Ger	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	8,020
West Nilus	4	7	Amer.	McCormick S.S. Co	Tacoma, Wash.	Rosario, Arg.	Lumber, gen.	7,782
Acajutla	7	12	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C.Z.	Coffee, gen.	322
Sona [2]	7	8	Pan	Elliot Ship. & Land Co.	Darien, R.P.	Cristobal, C.Z.	Bananas	30
Swiftpool	7	7	Brit.	Anglo-Can. S.S. Co.	Vancouver, B.C.	London, England	([16])	8,290
Leticia [2]	7	13	Pan	A. Tagaropolous	Darien, R.P.	Cristobal, C.Z.	Bananas	53
Suriname	7	7	Amer.	United Fruit Co	Pto. Arm'les, R.P.	Mobile, Ala	Bananas	760
Sutherland	7	8	Amer.	Nelson Line	Seattle, Wash.	Baltimore, Md.	Gen., lumber	7,275
J. L. Luckenbach	7	8	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,291
Breda	8	8	Neth.	Royal Neth. S.S. Co.	Tocopilla, Chile.	Azores [14]	Nitrates	8,700
Lt. Col. H. C. Schumm. [4]	8		Amer.	U.S. Army	Balboa, C.Z.	Cristobal, C.Z.		
Santa Maria [2]	8	8	Amer.	Grace Line	S. Antonio, Chile.	New York, N.Y.	General	5,277
Rangitata [2]	7	8	Brit.	N.Z. Shipping Co	Wellington, N.Z.	London, England	Frozen, gen.	7,038
Heina [2]	8	Nor.		Continental Grain Co.	Stockton, Cal.	Dublin, I.F.S.	Barley	6,778
Sinnington Court	8	8	Brit.	Canadian Transp. Co.	Victoria, B.C	London, England	([15])	9,775
Ciudad de Cucuta. [13]	7	9	Col.	Colombian Navy	B'ventura, Col.	Cartagena, Col.		
Commissaire Ramel.	9	10	Fr.	Messageries Marit'es	Noumea, N. Cal.	Marseilles, Fr.	General	6,280
Teal [4]	9	9	Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Boskoop	8	9	Neth.	Royal Neth. S.S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	8,147
Tercero [2]	9	9	Nor.	Wessel, Duval & Co.	Tocopilla, Chile.	New Orleans, La.	Nitrates	7,590
Marguerite Finlay. [1] [2]	9	9	Fr.	Standard Oil Co., N.J.	Talara, Peru	Le Havre, France	Crude oil	16,901
Haxby	9	9	Brit.	Anglo-Can. S.S. Co.	Pt. Alberni, B.C.	Hull, England	([15])	8,600
Framlington Court.	9	10	Brit.	Anglo-Can. S.S. Co.	Pt. Alberni, B.C.	Liverpool, Eng.	([15])	7,250
Reaper [1]	9	11	Amer.	The Texas Co	Los Angeles, Cal.	New York, N.Y.	Gasoline	6,004
John Bakke [2]	9	10	Nor	Knut Knutsen, O.A.S.	Vancouver, B.C.	Manchester, Eng.	General	6,579
Teal [4]	10		Amer.	U.S. Navy	Balboa, C.Z.	Cristobal, C.Z.		
Pacific President [2]	9	10	Brit.	Furness, Withy & Co.	Vancouver, B.C.	Glasgow, Scot.	General	8,752
Annetta I. [2]	10	15	Pan.	P. W. Hamilton	Darien, R.P.	Colon, R.P.	Bananas	50
Colon [2]	10	11	Pan.	H. Obarrio	Darien, R.P.	Cristobal, C.Z.	Bananas	50
Pennsylvanian	10	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,427
Aliki	10	10	Greek.	N. G. Livanos	P. Chicama, Peru	Liverpool, Eng.	Sugar	7,759
Platano	10	10	Pan.	United Fruit Co	Pto. Arm'les, R.P.	New York, N.Y.	Bananas	1,319
Jeff Davis [2]	10	10	Amer.	Roosevelt S.S. Co.	Manila, P.I	Savannah, Ga.	Hemp, sugar	8,250
Oakmar	10	10	Amer.	Calmar S.S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,592

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] Training ship. [14] For orders. [15] Grain, lumber. [16] Wheat, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Edward Luckenbach.	11	11	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Gen., lumber	9,175
Manizales.....	11	19	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C.Z...	Coffee, gen..	1,042
Sona [2].....	11	12	Pan...	Elliot Ship. & Land Co.	Darien, R.P.....	Cristobal, C.Z...	Bananas....	30
Sambu [2].....	11	12	Pan...	Elliot Ship. & Land Co.	Bayano, R.P....	Cristobal, C.Z...	Bananas....	26
Tacoma.....	11	12	Ger...	Hamburg-Amer. Line.	S. Francisco, Cal.	Hamburg, Ger..	General.....	8,280
Marore.....	12	12	Amer..	Ore S.S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore....	21,525
Rotorua.....	11	12	Brit...	N.Z. Shipping Co....	Suva, Fiji Islands	London, England	Frozen, gen.	6,255
Amastra [1] [2].....	11	12	Brit...	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Lands End, Eng. [14]	Gasoline....	11,362
California.....	11	12	Amer..	States S.S. Co.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,448
Istmo.....	12	13	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C.Z...	Coffee.....	300
Lavington Court.	12	12	Brit...	Canadian Transp. Co.	Victoria, B.C....	Hull, England...	([15])	10,060
Gracia.....	12	12	Brit...	Donaldson Bros.....	Vancouver, B.C..	Glasgow, Scot..	General.....	6,428
Brandywine [1]....	12	12	Amer..	Associated Oil Co....	S. Francisco, Cal.	Boston, Mass....	Kerosene...	6,800
Hoegh Merchant [2]	12	13	Nor...	Kawasaki K. Kaisha.	Shanghai, China	Baltimore, Md...	Silk, gen....	5,756
Trois Ilets.....	12	16	Fr....	French Line.....	B'ventura, Col...	Cristobal, C.Z...	Coffee.....	220
San Jose.....	12	12	Amer..	United Fruit Co.....	Pto. Arm'les, R.P.	Boston, Mass. ..	Bananas....	1,213
Nako Maru [2].....	13	13	Jap...	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md...	Silk, general.	5,393
Arantzazu Mendi.	12	13	Span..	Cia.Nav.Sota y Azanar	Tocopilla, Chile..	Azores [14].....	Nitrates....	9,150
Iowan.....	13	13	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	7,229
Cacique.....	13	13	Amer..	Grace Line.....	Talcahuano, Chile	New York, N.Y.	General.....	1,127
Jacob Luckenbach.	13	13	Amer..	Luckenbach Line....	S. Francisco, Cal.	Mobile, Ala....	General.....	4,317
Nordhval.....	13	13	Dan...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nitrates....	8,250
Flomar.....	13	13	Amer..	Calmar S.S. Corp....	Portland, Oreg...	Philadelphia, Pa	Lumber.....	3,920
Lackenby.....	13	13	Brit...	Empire Shipping Co..	Vancouver, B.C..	London, England	Wheat, oats.	8,167
Launch.....	13	...	Amer..	U.S. Navy.....	Balboa, C.Z.....	Cristobal, C.Z...	.....	.....
Huguenot [1].....	12	14	Amer..	Richfield Oil Co.....	Los Angeles, Cal.	Aruba, D.W.I....	Ballast.....	.....
Mayan.....	14	19	Amer..	Panama Mail S.S. Co.	Champ'ico, Guat.	Cristobal, C.Z...	Coffee, gen..	445
Este.....	14	14	Ger...	North German Lloyd.	Vancouver, B.C..	Bremen, Ger....	General.....	9,615
San Diego.....	14	15	Fr....	French Line.....	Seattle, Wash...	Le Havre, France	General.....	5,931
San Bruno.....	14	14	Pan...	United Fruit Co.....	Pto. Arm'les, R.P.	Mobile, Ala.....	Bananas....	715
S. M. Spalding [1]..	14	15	Amer..	Standard Oil Co.....	Los Angeles, Cal.	Fall River, Mass.	Kerosene....	9,915
Santa Barbara [2]..	14	14	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N.Y	General.....	3,390
Point Palmas....	14	14	Amer..	Swayne & Hoyt.....	S. Francisco, Cal.	New Orleans, La.	General.....	5,426
Evros.....	14	14	Greek.	Cia. Salitrera.....	Ant'fagasta, Chile	Alexandria, Egypt	Nitrates....	7,870
Jacob Christensen	14	15	Nor...	Chile-N. Amer. Line..	Valparaiso, Chile.	New York, N.Y.	Nitrates, gen	5,089
Ludington.....	13	16	Amer..	U.S. Army.....	S, Francisco, Cal.	Brooklyn, N.Y..	Army stores.	906
Mercury Sun [1] [2].	14	15	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	13,768
Langleebrook....	14	15	Brit...	Reardon-Smith Line..	Vancouver, B.C..	Falmouth, Eng..	Wheat.....	7,515
Paula	15	15	Dan...	West Coast Line.....	Valparaiso, Chile.	New York, N.Y.	Nitrates, gen.	2,483
Sidney M. Hauptman.	15	15	Amer..	McCormick S.S. Co..	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	9,868
Nyhaug [2].....	15	15	Nor...	Mallory Line.....	Vancouver, B.C.	Houston, Tex....	([16])	4,345
Trojan Star.....	15	...	Brit...	Blue Star Line.....	N.Plymouth, N.Z.	London, England	Frozen, gen.	6,487

[1] Tanker. [2] Motor ship. [14] For orders. [15] Grain, lumber. [16] Paper, shingles.

Rainfall, 1935

The highest total yield of record for any year since the formation of Gatun Lake was recorded on the Gatun Lake watershed during the calendar year 1935, while the inflow of the Madden Lake watershed was the highest since 1910 and the third highest of record, according to the official records of The Panama Canal.

Gatun Lake watershed.—For the calendar year the total yield of the Gatun Lake watershed was 55 percent above the 22-year average, or 10,209 c.f.s. as compared with a 22-year average of 6,596 c.f.s. The previous high yield of record was 8,199 c.f.s. in 1927. The minimum annual yield of record is 4,443 c.f.s. in 1930. During the year 1935, the maximum yield of any month was 39,728 c.f.s. in November; the minimum yield, 1,166 c.f.s. occurred in April. The total yield of the 1,320 square miles of watershed aggregated 321.97 billion cubic feet which, after allowing 20.72 billion cubic feet for evaporation from the Gatun and Madden Lake surfaces, would have filled Gatun Lake from elevation 0 to elevation 87.00 feet, 1.56 times.

Madden Lake watershed.—For the calendar year, the inflow from the Madden Lake watershed was 57 percent above the 34-year average, or 4,068 c.f.s. as compared with an average of 2,595 c.f.s. The inflow into Madden Lake furnished 40 percent of the total yield of the Gatun Lake watershed. The maximum and minimum annual inflows of record are 4,877 c.f.s. in 1909 and 1,609 c.f.s. in 1905. For the year 1935, the maximum monthly inflow was 15,990 c.f.s. in November; the minimum, 628 c.f.s., occurred in April. The aggregate inflow into Madden Lake for 1935 was 128.28 billion cubic feet, an amount sufficient to have filled Madden Lake from elevation 95.00 (empty) to elevation 240.00 feet almost six times. The maximum momentary inflow from the watershed was approximately 110,000 c.f.s. on November 17.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of 1934 and 1935

The following is a comparison of traffic at the Suez and Panama Canals for the first eleven months of 1934 and 1935:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent decrease	Number of transits		Percent decrease
	1934	1935		1934	1935	
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
August	463	503	[1] 8.6	401	395	1.5
September	468	531	[1] 13.5	435	391	10.1
October	527	604	[1] 14.6	467	441	5.6
November	474	548	[1] 15.6	469	418	10.9
Total	5,197	5,499	[1] 5.8	4,899	4,593	6.2

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent decrease	Tolls collected		Percent decrease
	1934	1935		1934	1935	
	Thousands of francs			*Thousands of dollars*		
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
August	69,930	71,640	[1] 2.4	1,907	1,757	7.9
September	67,860	73,410	[1] 8.2	1,948	1,781	8.6
October	78,670	85,670	[1] 8.9	2,098	1,964	6.4
November	70,720	79,790	[1] 12.8	2,138	1,797	15.9
Total	785,850	816,390	[1] 3.9	22,406	20,424	8.8

[1] Denotes increase.

Prices of Miscellaneous Supplies at Panama Canal Storehouses.

The following are prices, including the 25 percent surcharge, to individuals and companies, as of December 16, 1935:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.11
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.19
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.25
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.09
Paint, zinc oxide, in oil	Lb.	.13
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.08
Waste, cotton, white	Lb.	.09

Officers' Stations in Canal Transit

BALBOA HEIGHTS, C.Z., *November 6, 1935.*

Notice to steamship owners and agents:

1. Rule 34 of Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters is as follows:

> In addition to the regular engineer officer of the watch, the chief engineer of a vessel shall remain on duty in the engine room during the approach to and while passing through the locks, and until the lockage shall have been completed and the vessel is clear of the lock walls. He shall also be in the engine room when the vessel is passing through Gaillard Cut, and when getting under way, anchoring, or shifting berth. A full head of steam shall be maintained on such occasions.

2. This is not only a rule of The Panama Canal but conforms with the rules of the United States Steamboat Inspection Service and is the standard practice of marine engineers throughout the world.

3. In the investigation of a recent accident to a ship approaching Gatun Locks, in which the ship was damaged to an extent of something over $12,000, the testimony was clear that the engineer officer of the watch replied to the telegraph signal from the bridge with the proper telegraph answer, but four times in the course of a few minutes operated the engine from "half ahead" to "full ahead" when the order from the bridge was "half astern" to "full astern."

4. The chief engineer of the vessel in question testified that he was not present in the engine room or in the vicinity thereof. He further testified that he did not know he was supposed to be in the engine room, although he had been through the Canal before as chief engineer, and on other ships as first assistant engineer.

5. Please bring this to the attention of all masters of ships of which you are owner or agent.

APPROVED:
C. S. RIDLEY,
Acting Governor.

W. F. JACOBS,
Marine Superintendent.

Notice to Aviators

BALBOA HEIGHTS, C.Z., *November 14, 1935.*

No. 206.

SUMMIT, C.Z., RADIO TOWERS, WATER TOWER, OBSTACLE LIGHTS

1. Three 300-foot and six 600-foot steel towers (the latter spaced three in a row, 1,250 feet apart along the system's main axis, and 500 feet on each side of this axis) are now constructed on the east side of the Panama Canal; they are painted in horizontal bands in international orange and black colors. The towers' location are as below:

Six hundred-foot towers:

Tower No. 1, lat. 9°03′20″ N., long. 79°39′06″ W.
Tower No. 2, lat. 9°03′28″ N., long. 79°39′00″ W.
Tower No. 3, lat. 9°03′13″ N., long. 79°38′56″ W.
Tower No. 4, lat. 9°03′21″ N., long. 79°38′50″ W.
Tower No. 5, lat. 9°03′06″ N., long. 79°38′45″ W.
Tower No. 6, lat. 9°03′14″ N., long. 79°38′40″ W.

Three hundred-foot towers:

Tower No. 9, lat. 9°03′42″ N., long. 79°39′28″ W.
Tower No. 10, lat. 9°03′38″ N., long. 79°39′27″ W.
Tower No. 11, lat. 9°03′36″ N., long. 79°39′24″ W.

Permanent obstacle fixed lights are located at the third points on the outside legs, and at the tops of all 600-foot and 300-foot towers. Lights on tower legs are 50-watt units; lights on the extreme top are the twin unit type of two 50-watt lamps. Each lamp is enclosed in a red globe.

2. Nearby the radio towers there is also a steel water tank 90 feet high in lat. 9°03′46″ N., and long. 79°39′12″ W.; the tank sides are painted, checkerboard style, in international orange and black colors. At the extreme top of the tank at the center are two fixed red 60-watt obstacle lights.

This supersedes Notice to Mariners No. 198, November 1, 1935 and No. 121, August 16, 1935.

C. S. RIDLEY,
Acting Governor.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S.A.E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U.S. Navy.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Current Net Prices on Fuel Oil, Diesel Oil, and Coal

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.05 per barrel at Cristobal and Balboa; Diesel oil, $1.55 per barrel at Cristobal and Balboa.

Coal, bunker, U.S. Navy Standard Pool No. 1, run-of-mine, Pocohontas or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming. Oil deliveries can be made up to 5,500 barrels per hour, rate depending on gravity of oil, location of shore tanks, and ship's facilites for handling.

Tolls Charges for Transit of The Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement ..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton ..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessels to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa dry dock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in current tariff or supplements thereto.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXIX. Balboa Heights, C.Z., February 15, 1936. No. 7.

Traffic Through the Panama Canal in January 1936

The total vessels of all kinds transiting the Panama Canal during the month of January 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	January 1934	January 1935	January 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	479	425	255	217	472
Local commercial vessels[1]	37	59	28	16	44
Noncommercial vessels:					
United States Government	40	25	21	20	41
Colombian Government	.....	.....	.....	1	1
For repairs	2	2	1	1	2
Total	558	531	305	255	560

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC[2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended January 31, 1936, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934-5	1935-6	1934-5	1935-6	1934-5	1935-6	1934-5	1935-6
February	452	430	2,461,993	2,205,057	2,123,956	1,836,383	$2,078,950.58	$1,826,999.63
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	2,280,217.26	2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
Total	5,288	5,099	28,683,632	26,913,639	25,758,757	24,905,754	24,109,774.65	22,528,656.01

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels[3] for January 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 115	627,228	454,645	Norwegian	54	251,942	252,085
Chilean	2	6,930	8,067	Panamanian	28	80,743	71,811
Danish	13	64,510	55,146	Peruvian	1	1,640	1,386
French	9	56,151	66,886	Spanish	2	9,215	17,450
German	27	109,782	130,954	Swedish	10	46,849	77,050
Greek	6	25,062	23,939	United States	164	899,697	774,718
Italian	5	35,571	22,965	Yugoslav	2	10,396	18,400
Japanese	20	116,839	123,152				
Netherlands	14	68,518	50,281	Total	472	2,411,073	2,148,935

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes naval vessel of 10,406 tons displacement.

Traffic by Trade Routes, January 1936

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	57	345,949	178,220	57	318,757	412,720
East coast United States and:						
Canada	7	33,159	.....	1	3,347	4,345
Central America	10	25,463	3,000	12	32,781	11,069
South America	23	91,642	16,737	20	87,487	179,928
Hawaiian Islands	2	9,731	5,942	.....	.....	.....
Australasia	7	38,751	40,700	.....	.....	.....
Philippine Islands	6	38,952	25,363	10	59,392	68,160
Far East	22	120,850	138,107	6	34,728	34,021
East coast Canada and:						
South America	1	4,455	.....	1	7,717	16,166
Australasia	4	24,306	17,067	2	8,356	5,410
Far East	1	6,522	2,973	.....	.....	.....
Central America and Australasia	2	8,979	15,304	.....	.....	.....
South American intercoastal	4	7,082	10,156	.....	.....	.....
East coast South America and:						
United States	2	10,274	6,941	1	5,086	5,767
Canada	2	8,557	3,637	.....	.....	.....
Far East	1	5,821	4,203	.....	.....	.....
Cristobal and:						
Central America	4	4,094	1,813	5	5,194	2,800
South America	8	5,237	2,475	9	5,857	6,204
West Indies and:						
United States	2	9,752	.....	2	9,861	8,755
Canada	4	18,747	.....	.....	.....	.....
Central America	1	2,286	.....	.....	.....	.....
South America	1	5,157	.....	2	13,082	25,361
Australasia	1	4,612	7,770	.....	.....	.....
Europe and:						
United States	7	40,401	7,664	5	26,662	51,309
Canada	45	242,446	55,272	45	248,634	338,396
Central America	2	4,181	3,743	1	1,967	1,447
South America	14	83,678	35,816	23	133,801	225,462
Australasia	6	58,748	31,124	8	68,891	53,511
Far East	2	10,597	13,891	3	15,719	26,420
Egypt and:						
Canada	1	4,281	.....	.....	.....	.....
South America	.....	.....	.....	2	9,759	18,220
Africa and United States	1	1,506	.....	1	1,525	1,092
Around the world	3	27,639	15,805	1	7,049	8,649
Vessels not engaged in commerce	[5] 2	1,566	.....	.....	.....	.....
Total	255	1,305,421	643,723	217	1,105,652	1,505,212

[5] Cruiser; and yacht.

Origin and Destination of Cargo by Major Areas, January 1936

The following table summarizes the origin of cargo passing through the Canal in January 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	189,194	12,740	169,388	12,372	43,951	427,645
Other North America	1,090	4,290	714	8,209	37,100	51,403
Europe	54,838	11,087	9,542	34,080	30,914	140,461
Miscellaneous	10,260	1,695	2,208	10,051	.....	24,214
Total	255,382	29,812	181,852	64,712	111,965	643,723

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	403,675	23,470	168,044	6,771	601,960
Canada	4,345	2,797	216,483	2,210	225,835
Other North America	12,608	3,574	3,164	.....	19,346
South America	177,676	51,750	223,682	18,233	471,341
Australasia	4,878	1,783	52,260	.....	58,921
Asia	98,815	2,558	26,420	16	127,809
Total	701,997	85,932	690,053	27,230	1,505,212

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during January 1936 or in January 1935 are listed below:

Commodity	January		Commodity	January	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	847	15,238	Beans	9,759	18,695
Asphalt and tar	18,838	18,411	Canned goods, various	76,757	74,617
Automobiles and parts	15,957	32,743	Coffee	12,894	13,915
Coal and coke	6,755	20,968	Cold storage (food products) [6]	32,258	35,343
Cotton, raw	35,407	40,085	Flour	34,256	28,015
Iron and steel manufactures	113,599	99,337	Fruit, dried	19,248	24,557
Machinery	7,662	13,411	Fruit, fresh [7]	27,009	30,626
Nitrates	3,692	17,187	Lumber	175,544	214,079
Oils, mineral	42,652	33,362	Metals, various	50,080	44,016
Ores, various	5,854	12,583	Nitrates	106,486	147,765
Paper and paper products	26,004	27,567	Oats	15,687	7,657
Phosphates	11,785	29,992	Oils, mineral	308,618	275,940
Potash	1,821	12,585	Oils, vegetable	15,966	22,258
Scrap metal	89,305	23,130	Ores (principally iron)	68,309	120,901
Sulphur	12,925	21,523	Paper	11,535	12,272
Tinplate	21,746	19,295	Soy beans	34,588	26,420
			Sugar	71,657	54,862
Pacific to Atlantic			Wheat	109,748	128,126
Bananas	2,616	12,727	Wood pulp	11,677	9,691
Barley	15,605	30,475	Wool	12,075	13,581

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of January 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	10	.....
Agricultural implements	1,818	42	2,774	42
Alfalfa meal	.....	532	.....	762
Ammonium compounds	62	.....	15,238	.....
Animal foods [8]	73	283	73	313
Apparel, wearing (hats, shoes, clothing, etc.)	98	.....	98	22
Asbestos	18	.....	2,315	.....
Asphalt and tar	64	.....	18,411	772
Automobiles (and autotrucks)	9,380	20	22,757	22

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Automobile parts and accessories	1,237	78	9,986	125
Bags and bagging, textile	62	153	262	201
Bamboo and products	.....	62	.....	155
Bananas	.....	.....	.....	12,727
Barks, miscellaneous	48	14	82	406
Barley	45	448	45	30,475
Beans, edible, dry	812	7,005	914	18,695
Beer	33	.....	34	.....
Blood and tankage	.....	.....	50	.....
Bones and bone meal	.....	55	1,657	59
Books and printed matter	30	.....	30	.....
Borax	19	429	25	7,700
Bran and pollards	.....	364	.....	4,697
Bricks and tile	432	34	991	34
Camphor, crude	.....	.....	.....	59
Canned and preserved goods:				
Fish	666	11,818	1,169	16,350
Fruit	1,225	27,612	1,527	45,686
Meat	14	256	411	586
Milk	.....	60	370	771
Soup	1,324	.....	1,527	.....
Vegetables	741	5,740	847	5,918
Miscellaneous and unclassified	3,146	3,300	3,525	5,306
Carbon black	53	.....	863	.....
Celite	.....	305	.....	319
Cement	477	.....	9,848	.....
Chalk	.....	.....	1,192	.....
Charcoal	.....	.....	41	.....
Chemicals [8]	3,770	1,573	8,682	2,139
Clay, china and fire	278	371	472	461
Clay, filtering	.....	46	.....	60
Coal	2,183	.....	16,593	.....
Cocoa and cacao beans	125	.....	549	1,769
Coconuts and products [8]	115	2,226	135	2,267
Coffee	67	23	5,037	13,915
Coke	.....	.....	4,375	.....
Cold storage and refrigerated products:				
Dairy products	176	75	503	19,854
Eggs	.....	90	.....	154
Fish	165	.....	317	1,362
Lard	247	13	346	25
Meats	.....	87	171	13,704
Poultry	.....	.....	.....	1
Vegetables	.....	65	122	169
Other and unclassified	132	70	149	74
Confectionery	1,087	1	1,120	1
Copra	.....	.....	7	9,806
Copra meal and cake	.....	.....	.....	466
Corn	.....	.....	805	.....
Cotton, raw	113	2,296	40,085	8,885
Creosote	.....	.....	31	.....
Drugs and medicines	1,733	37	1,916	51
Dyes	.....	.....	8	10
Earthenware	35	15	133	30
Eggs, dried	.....	.....	1	64
Electrical apparatus and appliances	579	.....	1,003	68
Explosives	13	.....	389	.....
Extract, quebracho	.....	.....	1,046	.....
Fertilizers [8]	45	173	1,838	2,158
Fish, salted or dry-cured	24	.....	46	.....
Fish meal	.....	2,115	.....	7,788
Floor coverings	2,198	898	2,215	1,543
Flour	213	25,507	1,062	28,015
Fruit, dried	10	11,113	419	24,557
Fruit, fresh [8]	.....	1,768	253	30,626
Furniture and household goods	681	122	685	143
Gallnuts	.....	.....	.....	50
General	17,064	14,032	45,730	22,894
Glass and glassware	2,693	136	5,132	665
Glue	42	59	42	70
Grains [8]	.....	.....	1,524	56
Groceries	410	113	651	451
Gums	.....	176	25	316
Hair, all kinds	80	109	80	184
Hay	.....	127	12	192
Hemp, unmanufactured	22	235	27	2,824
Honey	.....	57	.....	77
Hops	.....	19	.....	19
Horns and hoofs	.....	.....	123	33
Infusorial earth	.....	358	.....	801

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	58,292	728	99,337	758
Ivory nuts	140	.....	411	1,802
Jute, unmanufactured	.....	13	363	13
Lard substitute	203	.....	272	.....
Lime	.....	.....	199	.....
Liquors	2,038	228	2,720	260
Lumber (including manufactured mill products)	2,242	118,519	5,352	214,079
Machinery	5,620	785	13,411	2,931
Malt	.....	.....	114	90
Manufactured goods [8]	2,109	111	2,733	2,745
Marble and granite	137	.....	269	.....
Matches	151	38	237	46
Metals:				
Antimony	.....	.....	.....	86
Chrome	27	.....	27	.....
Copper	775	10,027	3,975	24,804
Gold and silver	19	.....	19	16
Iron	.....	.....	2,705	.....
Lead	47	408	1,263	9,579
Tin	73	66	801	817
Zinc	75	.....	717	6,149
Other and unclassified	136	30	167	2,565
Milk, powdered	16	48	159	357
Molasses and syrups	183	.....	206	1,777
Nitrates	2,607	.....	17,187	147,765
Nuts, edible (including meats)	317	127	3,456	396
Oats	.....	2,557	73	7,657
Oils, mineral:				
Crude	.....	.....	8,501	122,025
Gas and fuel	.....	19,637	62	19,637
Gasoline, benzine, and naphtha	75	51,021	624	109,091
Kerosene	.....	16,715	67	24,075
Lubricating and greases	9,417	1,035	22,643	1,112
Other and unclassified	.....	.....	1,465	.....
Oils, vegetable:				
Coconut	.....	3	495	10,374
Cottonseed	61	45	674	745
Linseed	28	.....	116	.....
Olive	.....	.....	558	.....
Rapeseed	.....	.....	165	583
Wood	.....	107	5	3,544
Other and unclassified	119	534	567	7,012
Oil, fish	37	2,175	78	3,175
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	50	19	6,381
Oilseed cake and meal	558	.....	558	7,235
Ores:				
Antimony	.....	.....	.....	312
Chrome	167	.....	167	.....
Copper	.....	1,001	561	7,874
Gold and silver	.....	.....	7,664	10,087
Iron	50	21	56	86,246
Lead	.....	.....	.....	5,098
Magnesite	.....	1,340	35	1,340
Manganese	53	.....	92	.....
Tin	.....	.....	.....	4,048
Zinc	.....	.....	2,996	2,581
Other and unclassified	20	89	1,012	3,315
Paints and varnishes	1,588	110	3,162	270
Paper and paper products [8]	8,417	6,765	27,567	12,007
Paper scrap	.....	265	.....	265
Peanuts	278	70	278	215
Peas, dry	.....	44	.....	1,395
Peatmoss	.....	.....	763	.....
Phosphates	878	.....	29,992	.....
Plaster	.....	.....	65	.....
Porcelainware	431	379	1,267	4,344
Potash	25	2,927	12,585	2,953
Pyrethrum flowers	.....	117	.....	311
Rags and waste	281	149	1,612	2,014
Railroad material	.....	.....	2,129	.....
Rice	681	17	870	3,491
Rope and twine	290	58	319	758
Rosin	1,339	.....	5,138	.....
Rubber:				
Manufactured	972	149	1,151	149
Raw	34	10	48	7,027
Scrap	7	5	44	310
Salt	191	295	2,247	295
Sand	43	.....	6,238	.....

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Scrap metal	641	560	23,130	1,069
Seeds (except oilseeds)	30	767	187	3,490
Sewer pipe (concrete and terra cotta)	348	.....	348	.....
Shells, oyster	1,125	.....	1,125	209
Silk, raw	.....	2,091	66	3,681
Skins and hides	8	1,535	456	4,636
Slate	93	.....	93	.....
Soaps and products	876	195	969	297
Soda and sodium compounds:				
Soda ash	126	.....	632	350
Soda, caustic	307	.....	874	.....
Miscellaneous and unclassified	35	23	35	47
Soy beans	145	.....	145	26,420
Sugar	1	16,723	9,820	54,862
Sulphur	17,900	18	21,523	18
Talc	.....	272	.....	428
Tallow	.....	774	11	1,978
Tea	31	267	112	1,070
Textiles [9]	2,976	376	8,326	4,663
Tinplate	3,812	10	19,295	10
Tobacco and manufactures	652	32	5,110	82
Toilet preparations	1,361	.....	1,507	.....
Turpentine	16	.....	388	.....
Vegetables, dry [8]	.....	.....	13	413
Wall board	142	1,130	172	1,193
Wax, paraffin	20	.....	473	107
Wheat	.....	7,013	.....	128,126
Wines	687	853	761	1,406
Wood pulp	344	8,540	6,126	9,691
Wool	94	963	267	13,581
Total, January 1936	189,194	403,675	643,723	1,505,212
Total, January 1935	150,361	474,191	592,070	1,353,015
Total, January 1934	138,737	513,292	508,336	1,578,144

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of January 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	5	29,311	5,000	9	49,638	93,340
East coast Canada and South America	1	4,455	.....	1	7,717	16,166
East coast United States and Philippine Islands	.....	.....	.....	1	3,902	[10] 6,492
South American intercoastal	1	4,202	8,332	.....	.....	.....
West Indies and:						
United States	2	9,752	.....	2	9,861	8,755
South America	.....	.....	.....	2	13,082	25,361
Europe and:						
United States	4	25,096	.....	3	18,901	36,651
South America	2	11,961	.....	7	49,494	94,183
Total	15	84,777	13,332	25	152,595	280,948

[10] Coconut oil.

Comparison of Canal Traffic in January 1936, with January Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of January			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[11] 96	337	426	1915	[12] 100	361	466
1916	[13] 1	1	1	1916	60	199	258
1917	164	539	640	1917	145	483	588
1918	149	495	553	1918	165	547	627
1919	163	499	530	1919	162	510	576
1920	254	927	924	1920	199	712	781
1921	272	1,094	1,177	1921	232	950	966
1922	202	846	807	1922	222	951	907
1923	345	1,610	1,592	1923	325	1,550	1,631
1924	471	2,400	2,427	1924	429	2,179	2,249
1925	395	1,959	1,907	1925	382	1,904	1,996
1926	473	2,300	2,346	1926	424	2,064	2,169
1927	428	2,121	2,240	1927	441	2,184	2,311
1928	525	2,421	2,371	1928	521	2,453	2,468
1929	597	2,770	2,858	1929	524	2,485	2,554
1930	523	2,601	2,611	1930	502	2,497	2,502
1931	465	2,379	2,106	1931	447	2,314	2,089
1932	371	2,022	1,594	1932	364	1,977	1,650
1933	378	2,067	1,462	1933	347	1,900	1,513
1934	479	2,581	2,086	1934	436	2,379	2,059
1935	425	2,294	1,945	1935	432	2,317	2,109
1936	472	2,411	2,149	([14])	421	2,233	2,059

[11] Canal opened August 15, 1914. [12] Average for 10½ months of fiscal year ended June 30, 1915. [13] Canal closed part of month due to slides. [14] Average for calendar year 1935.

Terminal Activities

Ships repaired during the month of January 1936 numbered 48, including 9 which were drydocked. Fuel oil in the quantity of 387,958 barrels was delivered as bunkers to 136 commercial ships. Bunker coal amounting to 2,568 tons was delivered to 16 commercial ships. Sales of commissary supplies to ships aggregated $45,938.26.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	23,535	8,337	31,872
Local cargo shipped ... tons	5,139	579	5,718
Cargo received for transshipment ... tons	33,491	497	33,988
Cargo transshipped ... tons	31,460	455	31,915
"Canal Zone for Orders" cargo:			
Number of receipts issued	11	.....	11
Number of releases issued	39	12	51
Tons received	126	.....	126
Tons withdrawn	34	3	37

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	542	3,303,033	1,961,182	514	3,043,282	1,815,894
Vessels entering port but not transiting Canal	60	342,515	193,064	16	56,249	34,879
Vessels transiting Canal and handling passengers and cargo at terminal ports	135	881,118	517,773	104	693,922	407,591
Ships clearing						
All vessels, including those transiting Canal	538	3,256,161	1,932,621	510	3,048,369	1,778,977
Vessels clearing port but not transiting Canal	58	329,762	185,011	9	47,820	26,544
Vessels transiting Canal and handling passengers and cargo at terminal ports	133	867,057	509,251	104	690,396	405,458

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, January 15, 1936, to midnight, February 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Nansenville, 0, 148
Texas, 416, 0
Eagle, 9,282, 0
Buenaventura, 1,131 378
Quirigua, 161, 69
President Polk, 0, 1
Santa Rita, 121, 409
Cuba, 0, 294
Iris, 448, 34
Narenta, 153, 307
Tivives, 803, 84
Orazio, 12, 153
Kiyosumi Maru, 270, 0
Pasajero, 0, 18
Cumbal, 546, 341
Colombia, 256, 976
Calamares, 359, 736
Tekoa, 82, 0
Istmo, 331, 199
Darien, 1, 0
Real, 35, 32
Musa, 371, 0
Elsie M., 4, 5½
Cali, 1,082, 0
Mayan, 0, 687
Manizales, 0, 269
San Rafael, 193, 0
Costa Rica, 110, 18
Trondanger, 3, 0
President Lincoln, 205, 0
Quirigua, 7, 22
Santa Paula, 137, 8
Erlangen, 493, 26
Kinai Maru, 0, 349
San Benito, 51, 0
Alton, 2, 8
Alaska, 115, 117
Sveadrott, 8, 0
Bodegraven, 99, 248
Abraham Lincoln, 524, 0
Canadian Scottish, 73, 695
Abana, 34, 819
Patricia, 20, 925
Amapala, 108, 245
Kwansai Maru, 751, 63
Phoenicia, 151, 52
Salvador, 662, 265
Iris, 0, 129
Santa Lucia, 339, 17
Ancon, 1,612, 900
Santa Maria, 612, 196¼
Saarland, 136, 476
Trois Ilets, 190, 72
Metapan, 503, 279
Peten, 207, 8
Real, 0, 24
Canada, 0, 35
Jamaica Producer, 0, 203
Santa Elena, 233, 226
Cellina, 85, 68
Istmo, 590, 332
Platano, 300, 0
San Jose, 16, 0
Durazzo, 1,063, 486
Toloa, 425, 276
Hollywood, 53, 0
Haiti, 111, 1,147
Democracy, 205, 0
Costa Rica, 44, 544
Golden Kauri, 772, 0
Commercial Alabaman, 319, 655
Nogoya, 0, 214
Los Palacios, 1, 5
Peten, 114, 61
Cordillera, 276, 16
Duesseldorf, 54, 401
Belfast Maru, 283, 0
Hoegh Carrier, 570, 0
Santa Inez, 71, 0
Chimu, 621, 8
Oakland, 178, 75
Contessa, 78, 221
Tai Shan, 670, 0
Lochgoil, 81, 172
Albert H., 4, 0
Wyoming, 179, 342
Aachen, 139, 357
Virgilio, 94, 221
Sekstant, 1,011½, 502½
De La Salle, 72, 1,557
Lasbek, 54, 154
Alkmaar, 61, 222
Rialto, 427, 110
Arica, 971, 5
Veragua, 179, 18
Santa Barbara, 46, 132
Guayaquil, 1,554, 332
Santa Marta, 989, 187
Canadian Victor, 54, 474
Europa, 66, 329
Gertrude Kellogg, 6,930, 0
Cacique, 253, 788
Pastores, 151, 1,266
San Anselmo, 351, 15
Sambu, 0, 21
Real, 5, 56
Juanita, 26, 0
Istmo, 708, 227
Simon Bolivar, 137, 34
Nankai Maru, 425, 50
Seattle, 243, 0
Ulua, 731, 705
Manizales, 1,097, 487
Veragua, 107, 72
Balboa, 0, 386
Kirishima Maru, 27, 0
Santa Rosa, 324, 19
Orduna, 36, 5
Canadian Highlander, 72, 10
Laurits Swenson, 1½, 618
Atlantida, 171, 148
Trois Ilets, 299, 0
West Ira, 2, 0
Cordillera, 121, 1,103
Nebraska, 200, 35
Santa Clara, 591, 148
Axel Johnson, 0, 39
Phobos, 10,506, 0
Acajutla, 680, 447
Cristobal, 4,576, 897
American Oriole, 93, 0
West Ivis, 0, 1
Peter Hurll, 10,784, 0
Magician, 119, 1
Santa Lucia, 419, 76
Canadian Challenger, 0 301
Mantilla, 8,933, 0
Sixaola, 492, 223
Quirigua, 192, 114
Santa Paula, 92, 289
Noshiro Maru, 604, 0
Real, 0, 41
Cali, 0, 401
Weser, 317, 49
Lautaro, 79, 239
Canadian Conqueror, 121, 171
Iris, 589, 2
Musa, 452, 0
Colombia, 129, 1,034
Southern Sun, 558, 0
Calamares, 397, 624
Istmo, 699, 161
Cerigo, 986, 642
Karnak, 143, 437
Simon Bolivar, 31, 601
Quirigua, 135, 56
Tillie Lykes, 318, 437½
Cumbal, 351, 0
Syra, 92, 503
Damsterdijk, 203, 172
Bordeaux Maru, 211, 1 pkg.
Contessa, 270, 346
Anna Maersk, 245, 14
Santa Rita, 237, 0
Mayan, 1,342, 254
Oregon, 147, 184
Colombie, 58, 1
Knute Nelson, 646, 0
Amsterdam, 13, 527½
Husvik, 225, 21
Amerika, 0, 7
Iris, 4, 143
Lampas, 8,155, 0
Buenaventura, 1,580, 558
Santa Inez, 170, 128
San Vincente, 210, 0
Tivives, 1,031, 253
Peten, 236, 23¼
Musa, 0, 406
Troja, 46, 269
Alster, 103, 239
Colombie, 5, 379
Washington, 185, 5
Platano, 322, 0
Chimu, 40, 267
Haiti, 66, 1,585
Toloa, 842, 213
San Francisco, 290, 116
Amasis, 11, 0
Durazzo, 984, 0
Trois Ilets, 319, 0
Mantilla, 4,914, 0
Envoy, 2½, 0

BALBOA

President Polk, 2, 0
Virginia, 3, 117
Pennsylvania, 13, 0
Sirius, 24, 12
Cumbal, 174, 69
Talamanca, 293, 89
Mayan, 0, 9
Santa Paula, 142, 0
Neches, 6,362, 0
Santa Lucia, 133, 0
Peter Maersk, 10, 0
Tamaroa, 19, 0
Raby Castle, 2, 0
Santa Maria, 220, 91
Santa Elena, 12, 22
Wright, 5, 0
Antigua, 450, 18
Talisman, 2, 0
Tai Shan, 391, 33
Santa Inez, 4, 0
Santa Barbara, 90, 32
President Adams, 20, 0
Europa, 952, 0
Juanita, 1,805, 0
Sekstant, 0, 97
Cacique, 155, 22
Chiriqui, 469, 40
West Ivis, 1,522, 0
Santa Rosa, 349, 0
Chaumont, 2, 0
Rangitane, 41, 0
Santa Clara, 13, 18
Rakuyo Maru, 49, 0
Acajutla, 3, 0
Peter Hurll, 6,140, 0
Santa Paula, 70, 12
Santa Lucia, 250, 264
Southern Sun, 1,848, 0
Cathwood, 343, 0
Ontariolite, 11,400, 0
Talamanca, 467, 46
Anna Maersk, 154, 24
Indra, 104, 0
Santa Rita, 1, 0
Knute Nelson, 376, 0
Amsterdam, 36, 73
Santa Inez, 108, 0
President Harrison, 27, 0
California, 146, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,784; embarking 1,339; at Balboa, 942 disembarking and 671 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,994, from the Pacific to the Atlantic, 2,687. Aircraft numbering 38 entered Cristobal, and 142 passengers disembarked; clearances were 38, with 152 passengers embarking; at Balboa entries of aircraft were 19, with 40 passengers disembarking; clearances 19, with 29 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal

From midnight January 15, 1936, to midnight February 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Andino [1]	15	...	Brit.	Lago Shipping Co.	Aruba, D. W. I.	Balboa, C. Z.	Ballast	.....
Trois Ilets	12	16	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Ancylus [1] [2]	15	17	Brit.	Shell Oil Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Trecarrell	15	16	Brit.	Hain S. S. Co.	St. Lucia, B. W. I.	Vancouver, B. C.	Ballast	.....
Wellington Court	15	16	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Yuri Maru	15	16	Jap.	Kokusai Kisen Kaisha	Pt. Tampa, Fla.	Kobe, Japan	Phosphate	8,525
Canadian Planter	15	16	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Melbo'ne, Aus'lia	General	4,200
Point Chico	15	16	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	6,068
Brimanger [2]	15	16	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Redsea	16	16	Brit.	William B. Atkinson.	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Steelore	16	16	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Paul Luckenbach	16	17	Amer.	Luckenbach Line	Philadelphia, Pa.	Seattle, Wash.	General	2,534
Hertford	16	17	Brit.	FederalSteamNav.Co.	Glasgow, Scot.	Auckland, N. Z.	General	9,753
MontevideoMaru [2]	17	17	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	General	4,203
President Polk	17	17	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	6,589
Nyhorn [2]	17	17	Nor.	Knutsen Line	Manchester, Eng.	Vancouver, B. C.	Ballast	.....
Virginia	17	17	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,537
Tredinnick	17	17	Brit.	Hain S. S. Co.	Newp't News, Va.	Vancouver, B. C.	Ballast	.....
Aldebaran	17	17	Neth.	Anglo-Can. Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Luossa [2]	16	17	Swed.	Chile Nit. Sales Corp.	Baltimore, Md.	Tocopilla, Chile.	Ballast	.....
Shohei Maru [2]	17	17	Jap.	Mitsui & Co.	Hopewell, Va.	Moji, Japan	([15])	9,200
Santa Rita [2]	17	17	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,556
Texas	16	17	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,598
Enoch [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z. [14]	.....	.....
City of Dieppe	17	18	Brit.	Ellerman & Bucknall.	Halifax, N. S.	Dunedin, N. Z.	General	3,459
Memphis City	17	18	Amer.	Isthmian S. S. Lines.	Newp't News, Va.	Shanghai, China.	General	5,109
Ryoyo Maru [2]	18	18	Jap.	Kawasaki K. Kaisha.	Philadelphia, Pa.	Japan	Ballast	.....
Javanese Prince [2]	18	18	Brit.	Prince Line, Ltd.	Boston, Mass.	Hongkong, China	General	2,142
Sirius [13]	17	21	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	General	3,168
Chilore	18	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Suriname	18	18	Amer.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R.P.	Ballast	.....
Texan	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,500
Willmoto [2]	18	18	Amer.	Williams S. S. Co.	N. London, Conn.	San Diego, Calif.	General	2,495
Dawn [5]	18	...	Amer.	L. B. Larcun	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rip [5]	18	...	Amer.	W. B. Moyer	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Cumbal [2]	18	19	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,301
Musa	18	21	Pan.	United Fruit Co.	New York, N. Y.	Pto.Arm'les, R.P.	Ballast	.....
Manizales	11	19	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	245
Istmo	18	19	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	250
Madrono [1]	18	19	Nor.	Standard Oil Co.	Caripito, Venez.	SanAntonio,Chile	Fuel oil	8,332
Llanwern	18	19	Brit.	E. T. Radcliffe & Co.	Baltimore, Md.	Melbo'ne, Aus'lia	Coal	7,214
Trontolite [1] [2]	18	19	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru.	Ballast	.....
Sage Brush	19	19	Amer.	Shepard S. S. Co.	New York, N. Y.	Portland, Oreg.	General	4,267
Gregalia	19	19	Brit.	Donaldson Brothers.	Glasgow, Scot.	Seattle, Wash.	General	792
Kafiristan	19	19	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Mayan	14	19	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	754
San Rafael	19	19	Amer.	States S. S Co.	Albany, N. Y.	Tacoma, Wash.	General	2,636
Real [2]	18	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
W. R. Keever	19	20	Amer.	Union Sulphur Co.	Freeport, Tex.	Seattle, Wash.	Sulphur	7,557
Trondanger [2]	19	20	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Oil	22
Eastern Glade	20	20	Amer.	Luckenbach Line	New York, N. Y.	S. Francisco, Cal.	Autos	295
Baron Newlands	20	20	Brit.	H. Hogarth & Sons	Providence, R. I.	Iquique, Chile	Ballast	.....
Celtic Star	20	20	Brit.	Blue Star Line	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Edith [6]	...	...	Swed.	C. B. Fenton	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
San Benito	20	21	Pan.	United Fruit Co.	Boston, Mass.	Pto.Arm'les, R.P.	Ballast	.....
Kinai Maru [2]	20	21	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	7,304
Antiope	20	21	Brit.	Andrew Weir & Co.	San Pedro de Macoris, Dom. Rep.	Auckland, N. Z.	Sugar	7,770
Koranton	20	21	Brit.	R. Chapman & Son	Port Royal, Jam.	Vancouver, B. C.	Ballast	.....
Heranger [2]	20	21	Nor.	Interocean S. S. Corp.	Maranhao, Brazil	S. Francisco, Cal.	([16])	2,413
Texmar	21	21	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,601
Sveadrott [2]	21	21	Swed.	Stockholms Rederi, A/B Svea.	Oslo, Norway	Valparaiso, Chile.	([17])	2,721
Kurdistan	21	21	Brit.	Common Brothers	Barry, England	Vancouver, B. C.	Ballast	.....
Peter Maersk [2]	21	21	Dan.	Maersk Line	Savannah, Ga.	Cebu, P. I.	General	7,343
Bodegraven	21	21	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,283
Alaska	20	21	Fr.	French Line	Havre, France	Talcahuano,Chile	General	745
Abraham Lincoln [2]	21	21	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	6,374
Ilissos	21	21	Greek.	Gildermeister & Co.	Boston, Mass.	Peru	Ballast	.....
No. 1 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
No. 2 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Dakotan	21	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,362
Jedmoor [2]	21	22	Brit.	Amtorg Trading Corp.	Odessa, U. S. S. R.	Tacoma, Wash.	Gold ore	7,664
Amagisan Maru [2]	22	22	Jap.	Mitsui Bussan Kaisha.	New York, N. Y.	Yokohama,Japan	Gen., cotton.	8,347

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Auxiliary. [14] For bananas and return to Cristobal. [15] Rosin, potash, etc. [16] Babassu nut kernels. [17] Paper, cement, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Pomona	22	22	Amer.	Pacific Coast Dir. Line	New York, N. Y.	Seattle, Wash.	General	3,000
Lena Luckenbach	22	22	Amer.	Luckenbach Line	New Orleans, La.	Los Angeles, Cal.	General	5,589
Iris	22	22	Neth.	Royal Neth. S. S. Co.	Cartagena, Col.	Guayaquil, Ecua.	General	295
President Pierce	23	24	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	3,786
Bradburn	23	23	Brit.	Sir W. R. Smith & Son	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Nourmahal [6]	23	24	Amer.	Vincent Astor	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Raby Castle [2]	22	23	Brit.	Barber Line	New York, N. Y.	Yokohama, Japan	([14])	3,645
Harpalion	23	23	Brit.	J. & C. Harrison	Houston, Tex.	Vancouver, B. C.	Ballast	.....
Marie Bakke [2]	23	23	Nor.	Knut Knutsen, O.A.S.	Antwerp, Belgium	Corral, Chile	Phosphates	4,020
Oregon Express [2]	23	23	Nor.	Fruit Express Line	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Pacific Ranger [2]	23	23	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Victoria, B. C.	General	702
Andrea F. Luckenbach	23	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,672
Roxen [2]	23	23	Swed.	Transatlantic S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Svealand [2]	23	24	Swed.	Ore S. S. Corp.	Sparrows Pt., Md.	Cruz Gr'de, Chile	Ballast	.....
France Maru	23	23	Jap.	Kokusai Kisen Kaisha	Rotterdam, Neth.	Yokohama, Japan	([15])	6,951
L. A. Christensen [2]	23	24	Nor.	Wessel, Duval & Co.	New York, N. Y.	Valparaiso, Chile	General	624
Enoch [3]	23	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Ensley City	23	24	Amer.	Isthmian S. S. Lines	Hopewell, Va.	Seattle, Wash.	General	7,833
Hoperange [2]	23	25	Brit.	Chile Nit. Sales Corp.	Liverpool, Eng.	Tocopilla, Chile	Ballast	.....
Myrtlebank [2]	24	24	Brit.	Andrew Weir & Co.	Houston, Tex.	Kobe, Japan	([16])	5,720
Asbjorn [2]	18	24	Dan.	Mallory Transp. Lines	Philadelphia, Pa.	Powell Riv., B. C.	Ballast	.....
Rangitiki [2]	24	25	Brit.	N. Z. Shipping Co.	London, England	Lyttleton, N. Z.	General	1,517
Santa Maria [2]	23	25	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	1,893
Saarland	23	24	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Corral, Chile	General	6,149
King Lud [2]	24	24	Brit.	Dodd Thomson & Co.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Mauna Loa	24	24	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	S. Francisco, Cal.	General	2,850
Ethel Radcliffe	25	25	Brit.	E. T. Radcliffe & Co.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Santa Elena	24	25	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	2,506
Minerva [2]	25	25	Nor.	Chile Nit. Sales Corp	Baltimore, Md.	Iquique, Chile	Ballast	.....
Leikanger	25	25	Nor.	Westfal, Larsen & Co.	BuenosAires, Arg.	Vancouver, B. C.	General	3,637
Gypsum Empress	25	25	Brit.	American Metal Corp.	P'th Amboy, N. J.	Coquimbo, Chile	Ballast	.....
Cellina [2]	25	25	Ital.	Nav. Libera-Triestina	Genoa, Italy	Valparaiso, Chile	([17])	1,127
Mount Atlas	25	25	Greek	Anglo-Can. Ship. Co.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Col. Riche [5]	..	..	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Real [2]	24	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	General	23
Platano	25	28	Pan.	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R. P.	Ballast	.....
Oretha F. Spinney [3]	25	26	Amer.	Metro Goldwyn Mayer	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
San Jose	25	26	Fr.	French Line	Havre, France	Vancouver, B. C.	General	6,948
Hollywood	25	26	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	General	4,528
Willsolo	26	26	Amer.	Amer.-Hawaiian Line	Charleston, S. C.	Seattle, Wash.	General	2,994
Ashleigh	26	26	Brit.	Empire Shipping Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Kansan	26	26	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	2,627
Sangstad [2]	26	26	Nor.	A. F. Klaveness & Co.	Tampa, Fla.	Yokohama, Japan	Phos. rock	7,100
Istmo	25	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	330
Democracy	26	29	Amer.	Nelson Line	New York, N. Y.	S. Francisco, Cal.	General	2,600
Stonepool	26	26	Brit.	Empire Shipping Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Sambu [2]	25	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tnira [2]	25	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	25	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Moveria [2]	26	27	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	404
Talisman [2]	26	27	Nor.	W. Willumsen	Baltimore, Md.	Melbo'ne, Aus'lia	Coal	6,535
City of Rayville [2]	27	27	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Sydney, Aus'lia	General	3,939
El Ciervo [1]	27	28	Brit.	C. T. Bowring & Co.	Falmouth, Eng.	La Libertad, Ecu.	Ballast	.....
Noto Maru [2]	27	27	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	6,091
Nurtureton	27	27	Brit.	R. Chapman & Son	St. Thomas, V. I.	Vancouver, B. C.	Ballast	.....
Golden Kauri	26	27	Amer.	Swayne & Hoyt	Mobile, Ala.	Los Angeles, Cal.	([18])	2,960
Nordvard [2]	27	27	Nor.	Lauritz Kloster	New York, N. Y.	Vancouver, B. C.	Ballast	.....
Durazzo	25	27	Ger.	Hamburg-Amer. Line	Cristobal, C. Z.	Guayaquil, Ecua.	General	483
Empire Star [2]	27	28	Brit.	Blue Star Line	London, England	Hawkes Bay, N.Z.	General	5,734
Salvador	21	28	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	247
Potter [2]	27	28	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	Gen., steel	1,789
Dusseldorf [2]	27	28	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	6,087
Selma City	28	28	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	General	5,629
Blythmoor	28	28	Brit.	Canada S.S. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Santa Ana	28	29	Amer.	Alaska S. S. Co.	New York, N. Y.	Seattle, Wash.	Ballast	.....
Oakland [2]	28	29	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	6,806
Stella Polaris [6]	29	30	Nor.	Bergenske	New York, N. Y.	Papeete, Soc. Is.	Psgrs. only	.....
Point Judith	28	29	Amer.	Swayne & Hoyt	Tampa, Fla.	Tacoma, Wash.	General	4,840
Gen. M. H. Sherman	28	29	Amer.	Isthmian S. S. Lines	New York, N. Y.	Honolulu, T. H.	Gen., iron	3,121
Virginian	28	29	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Seattle, Wash.	General	2,126
Loch Ranza	29	29	Brit.	Anglo-Can. S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Annetta I [3]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Clarissa Radcliffe	29	29	Brit.	Mitchell Cotts & Co.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Sir Osborn Holmden. [1] [2]	29	29	Nor.	A. F. Klaveness & Co.	Swansea, England	Los Angeles, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] For bananas and return to Cristobal. [14] General and scrap iron. [15] Sulphate potash and sulphate ammonia. [16] Cotton, lubricating oil. [17] Olive oil, cork, coffee, etc. [18] General, paper, wire, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
District of Columbia.[1]	29	29	Amer.	Standard Oil Co.	New York, N. Y.	Los Angeles, Cal.	Lub. oil	5,000
Losmar	29	29	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	([14])	4,353
Teal[10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Trois Ilets	23	29	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	66
Wright[12,3]	27	30	Amer.	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	Ballast	
Virgilio[2]	29	30	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	604
Danmark[1,2]	29	30	Dan.	Standard Oil Co.	Glasgow, Scot.	Talara, Peru	Ballast	
Riverton	30	30	Brit.	R. Chapman & Son	Newcastle, Eng.	Vancouver, B. C.	Ballast	
King William[2]	29	30	Brit.	Eagle Oil Co.	Tampico, Mexico.	Adelaide, Aus'lia.	Asphalt	7,502
Punta Arenas	30	30	Chile.	Chile N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	Gen., sugar.	2,769
Selvistan	30	30	Brit.	Montreal Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Lasbek	30	30	Ger.	North German Lloyd	Hamburg, Ger.	Champ'ico, Guat.	General	1,484
Gannet[10]	24	30	Amer.	U. S. Navy	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Enoch[3]	30		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Adams	31	31	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,232
Perene	30	31	Peru	C. P. V. D.	Iquitos, Peru	Callao, Peru	Lumber, gen.	1,386
Pennsylvania	31	31	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,265
Fordefjord[2]	30	31	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	
Alexia[1,2]	30	1	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Tregantle	31	31	Brit.	Hain S. S. Co.	Alexandria, Eg't.	Vancouver, B. C.	Ballast	
Simonburn	31	31	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Santa Barbara[2]	31	1	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,629
Sorvard[2]	31	31	Nor.	Lauritz Kloster	Chester, Pa.	Manila, P. I.	General	3,531
Europa[2]	31	1	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	Cement, gen.	1,366
Julia Luckenbach	31	31	Amer.	Luckenbach Line	Boston, Mass.	Los Angeles, Cal.	([14])	3,348
Gertrude Kellogg[1]	31	1	Amer.	East Asiatic Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Pan Europe[1,2]	31	1	Nor.	Huasteca Pet. Co.	Rotterdam, Neth.	Talara, Peru	Ballast	
Gothic Star	31	1	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Rossington Court	1	1	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Ulla	1	1	Dan.	J. Lauritzen	Hamburg, Ger.	Seattle, Wash.	Ballast	
Tyr[2]	1	1	Nor.	Canadian Transp. Co.	Tampa, Fla.	Woodfibre, B. C.	General	4,605
Somerset	1	2	Brit.	Federal Steam Nav. Co.	Liverpool, Eng.	Adelaide, Aus'lia.	General	4,700
Acavus[1,2]	1	1	Brit.	Shell Oil Co.	Plymouth, Eng.	Los Angeles, Cal.	Ballast	
Hegira	1	1	Amer.	Pac. Coast Direct Line	New York, N. Y.	Los Angeles, Cal.	General	2,237
Columbian	1	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,345
Dilworth[1]	1	1	Amer.	Shell Oil Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	
Norfolk Maru	1	1	Jap.	Kawasaki K. Kaisha	New York, N. Y.	Kobe, Japan	Gen., cotton.	7,302
Umberleigh	1	1	Brit.	Empire Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Juanita[2]	1		Venez.	Shell Petroleum Co.	Curacao, D. W. I.	Balboa, C. Z.	Gasoline, etc.	1,805
San Anselmo	1	2	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,605
Sekstant	29	2	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	499
Turrialba	1	3	Amer.	United Fruit Co.	New York, N. Y.	Pto.Arm'les, R.P.	Ballast	
Arlington Court	2	2	Brit.	United Brit. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Pearlmoor	2	2	Brit.	W. Runciman & Co.	Barry, England	Vancouver, B. C.	Ballast	
Cacique	1	2	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,642
Sambu[2]	1	2	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto.Arml'es, R.P.	General	20
Real[2]	1	2	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto.Arm'les, R.P.	General	30
Istmo[2]	1	3	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	230
Lake Gorin	2	3	Amer.	Ford Motor Co.	New York, N. Y.	Richmond, Calif.	Auto. parts	2,400
Pacific Shipper[2]	2	3	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	538
Salmonpool	2	3	Brit.	Empire Shipping Co.	Barry, England	Vancouver, B. C.	Ballast	
Silvercypress[2]	2	3	Brit.	Kerr S. S. Co.	Philadelphia, Pa.	Hongkong, China	General	4,189
Bessemer City	3	3	Amer.	Isthmian S. S. Lines	Swansea, England	Vancouver, B. C.	Steel, gen.	6,815
George M. Embiricos.	3	3	Greek.	Canadian Transp. Co	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Chaumont[8]	2	5	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	465
Anglo Canadian[2]	3	3	Brit.	Lawther Latta & Co.	Kingston, Jam.	Vancouver, B. C.	Ballast	
Katrina Luckenbach.	3	3	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,251
Amerikaland[2]	3	4	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Tokai Maru[2]	3	3	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Moji, Japan	General	5,814
Taranaki[2]	3	4	Brit.	Shaw, Savill & Albion.	Glasgow, Scot.	Dunedin, N. Z.	General	5,709
Manizales	2	4	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	487
Lapwing[10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Ullapool	4	4	Brit.	Empire Shipping Co.	Barry, England	Vancouver, B. C.	Ballast	
Weser[2]	3	4	Ger.	North German Lloyd	Hamburg, Ger.	Vancouver, B. C.	General	6,619
Dorothy Cahill	4	4	Amer.	Arrow Line	New York, N. Y.	Seattle, Wash.	General	5,052
Chr. Knudsen[2]	4	5	Amer.	Anglo-Can. S. S. Co.	Manchester, Eng.	Vancouver, B. C.	Ballast	
Chiro[6]	4	7	Amer.	E. I. Veitch	Miami, Fla.	S. Francisco, Cal.	Ballast	
Oregonian	4	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,633
Birmingham City	4	5	Amer.	Isthmian S. S. Lines	Hopewell, Va.	Hilo, T. H.	General	4,868
West Ira	5	5	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Seattle, Wash.	Corn, coffee	4,020
St. Jerneborg[2]	5	5	Dan.	K. Line	Charleston, S. C.	Yokohama, Japan	([15])	7,306
Nordhval[2]	5	5	Dan.	Chile Nit. Sales Corp.	Jacksonville, Fla.	Tocopilla, Chile	Ballast	
Aurora[2]	5	5	Swed.	Gulf State S. S. Co.	Corpus Ch'ti, Tex.	Yokohama, Japan	Cotton, lead.	7,112
Annetta I[2]	1		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [8] Transport. [10] Mine sweeper. [12] Aircraft tender. [14] Steel, automobiles, general. [15] Sulphate of ammonia.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nebraska	5	5	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	1,557
Sona [2]	4		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Uyo Maru [2]	5	6	Jap.	Mitsui Line	Savannah, Ga.	Yokohama, Japan	([14])	8,677
Harpoon	5	6	Amer.	Shepard S. S. Co.	Boston, Mass.	Portland, Oreg.	General	4,319
Mercury Sun [1] [2]	6	6	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Harry Luckenbach	6	6	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,400
Monkleigh	6	6	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Enoch [3]	6		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [13]		
Peter Hurll [1] [2]	6	8	Pan.	W. Tankschiff Rhed'i.	Aruba, D. W. I.	Talara, Peru	Fuel oil	6,180
Badjestan	6	7	Brit.	Common Brothers	Tyne, England	Vancouver, B. C.	Ballast	
Vagabondia [6]	7	8	Amer.	W. L. Mellon	Miami, Fla.	Magallanes, Chile	Ballast	
Gaelic Star	6	7	Brit.	Blue Star Line	Newcastle, Eng.	N. Westm'er, B.C.	Ballast	
Santa Paula	7	8	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	General	3,365
Santa Lucia	6	8	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	1,789
Trois Ilets	4	8	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Filleigh	7	8	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Rokos	7	8	Greek	Ionian S. S. Co.	Odessa, U.S.S.R.	Tacoma, Wash.	([15])	10,000
American	8	8	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Seattle, Wash.	General	2,248
William A. McKenney	8	8	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,848
Carlton	8	8	Brit.	West Canada Ship. Co.	Gibraltar	Vancouver, B. C.	Ballast	
Tai Yang [2]	8	8	Nor.	Barber Wilhelmsen	New York, N. Y.	Yokohama, Japan	([16])	5,336
Vermar	8	8	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Iron, autos	1,603
Eugenie S. Embiricos	8	8	Greek	Furness, Withy & Co.	Cardiff, England	Vancouver, B. C.	Ballast	
Tuira [2]	7		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	25
Lautaro [2]	8	9	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile	General	4,026
Musa	8	11	Pan.	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R.P.	Ballast	
Point Gorda	9	9	Amer.	Gulf-Pacific Line	Mobile, Ala.	S. Francisco, Cal.	General	3,298
Acajutla	5	9	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	447
Ohioan	9	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,330
Cali	18	9	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	401
Steel Mariner	9	9	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,122
American Oriole	5	9	Amer.	Nelson Line	Philadelphia, Pa.	Seattle, Wash.	General	3,600
American Cardinal	9	9	Amer.	Amer. Foreign S.S. Co.	Pt. Sulphur, La.	S. Francisco, Cal.	Sulphur	5,000
Canadian Conqueror	8	9	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Napier, N. Z.	General	3,563
Karnak	9	9	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Pto. Montt, Chile	General	6,061
Point Bonita	9	10	Amer.	Gulf-Pacific Line	Tampa, Fla.	Seattle, Wash.	Lumber, gen.	3,090
Sambu [2]	8		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	8		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	9		Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Akaroa	10	10	Brit.	Shaw, Savill & Albion.	London, England	Auckland, N. Z.	General	5,925
Antlantis	10	11	Brit.	Royal Mail Lines	S'ampton, Eng.	S. Francisco, Cal.	Psgrs. only	
Yorkmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	7,446
Turakina	10	10	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	New Zealand	Ballast	
Port Brisbane	10	10	Brit.	Com'lth & Dom. Line.	New York, N. Y.	Dunedin, N. Z.	General	4,191
Paula	10	10	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	862
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Atago Maru [2]	10	11	Jap.	Nippon Yusen Kaisha.	New Orleans, La.	Kobe, Japan	([17])	8,494
Istmo	8	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	160
Arandora Star	11	11	Brit.	Blue Star Line	S'ampton, Eng.	S. Francisco, Cal.	Psgrs. only	
S-10 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-11 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-12 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-13 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Cyclops	10	11	Brit.	Alfred Holt & Co.	New York, N. Y.	Yokohama, Japan	([18])	8,102
Parthenia	11	11	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	638
Rhexenor	11	11	Brit.	Butterfield & Swire	New York, N. Y.	Hongkong, China	General	1,950
Aino [2]	11	12	Nor.	Belgo Petroleum Co.	Ceuta, Morocco	Talara, Peru	Ballast	
Pennsylvanian	12	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,596
Annetta I [2]	8		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
California Express [2]	12	12	Nor.	Fruit Express Line	Glasgow, Scot.	N. Westm'er, B.C.	Ballast	
Nako Maru [2]	12	12	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Moji, Japan	([19])	6,993
Mallard [10]	11		Amer.	U. S. Navy	High seas	Balboa, C. Z.	Ballast	
Brand [2]	12	12	Nor.	W. I. Trading Co.	Aalborg, Den.	Guayaquil, Ecua.	([20])	6,575
Oregon [2]	12	12	Fr.	French Line	Antwerp, Belg.	Vancouver, B. C.	General	5,958
Knute Nelson [2]	12	13	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	4,414
Sambu [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Amsterdam	12	13	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile	General	2,681
Athelchief [1] [2]	12	13	Brit.	United Molasses Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Tilthorn	13	13	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [10] Minesweeper. [13] For bananas and return to Cristobal. [14] Potash, rosin, etc. [15] Gold ore and ammonium compound. [16] Scrap steel, general. [17] Cotton, scrap iron, phosphate rock. [18] Cotton, scrap, oil, tinplate, etc. [19] Oil, wire, rods, etc. [20] Cement, cattle.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cressington Court[2]	13	13	Brit...	Canadian Transp. Co	Ipswich, England	Vancouver, B. C.	Ballast	.....
Irisbank[2]	13	13	Brit...	Bank Line	Port Tampa, Fla.	Osaka, Japan	Phosphate	5,001
Point Salinas	13	13	Amer..	Swayne & Hoyt	New Orleans, La.	Tacoma, Wash.	General	4,056
Port Nicholson	13	13	Brit...	Com'lth & Dom. Line.	Liverpool, Eng.	Fremantle, Aus'lia	General	5,972
President Harrison.	14	14	Amer..	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,702
California	14	15	Amer..	Panama-Pacific Line..	New York, N. Y.	Los Angeles, Cal.	General	2,889
Ary Lensen[2]	12	14	Brit...	Anglo-Can. Ship. Co..	S'ampton, Eng.	Los Angeles, Cal.	Ballast	.....
Edward Luckenbach.	13	14	Amer..	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,347
Meton[1]	13	14	Amer..	Shell Oil Co	P. Amboy, N. J.	Los Angeles, Cal.	Ballast	.....
Santa Inez[2]	14	14	Amer..	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,561
Iris	13	14	Neth..	Royal Neth. S. S. Co..	Cartagena, Col.	Guayaquil, Euca.	General	351
Aelybryn	14	14	Nor...	Hasegawa & Co	Tampa, Fla	Yawata, Japan	Scrap iron	6,795
San Vincente	14	14	Amer..	Quaker Line	New York, N. Y.	Seattle, Wash.	General	2,201
Troja	14	15	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	1,488
Effingham	14	15	Amer..	Lykes Bros.-Ripley	Tampa, Fla	Cebu, P. I.	General	8,048
Pacific	14	15	Amer..	Weyerhaeuser S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,877
Pajala[2]	15	15	Swed..	Chile Nit. Sales Corp.	Savannah, Ga.	Iquique, Chile	Ballast	.....
Fernwood[2]	14	15	Nor...	Fern Line	Tampa, Fla	Yokohama, Japan	Phosphate	7,403
Alster	14	15	Ger...	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	6,367
Ville de Amiens	15	15	Fr....	Messageries Maritime.	Marseilles, Fr.	Noumea, N. Cale.	General	1,767
Washington	14	15	Amer..	Calif. Eastern Line	New York, N. Y.	Seattle, Wash.	General	3,028
Zealandie[2]	15	16	Brit...	Shaw, Savill, & Albion	London, England.	Lyttleton, N. Z.	General	4,853
Steel Traveler	15	15	Amer..	Isthmian S. S. Lines	Baltimore, Md.	Penang, Str. Sett.	General	6,164
L-41[5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Bonito[13]	...	...	Amer..	H. Crouch	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Belpareil[2]	15	16	Nor...	Christen Smith	Dairen, China	Europe	Soy beans	9,350
F. J. Wolfe[1, 2]	16	16	Pan...	W. Tankschiff Rhed'i.	El Segundo, Calif.	London, England	Gasoline	16,197
Nansenville[2]	15	16	Nor...	Fred Olsen Line	Seattle, Wash.	Liverpool, Eng.	General	6,517
Mount Helikon	16	16	Greece.	Rethymnis & Kulukuydis, Ltd.	Tocopilla, Chile.	Azores[14]	Nitrates	8,310
Turrialba	16	16	Amer..	United Fruit Co	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,205
Eleanor Christenson.	16	16	Amer..	Sudden & Christenson	Portland, Oreg.	Norfolk, Va	Lumber	6,987
Mathew Luckenbach.	16	16	Amer..	Luckenbach-Gulf Co.	Portland, Oreg.	New Orleans, La.	Gen., lumber	7,785
Winslow[5]	16	21	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Amerikaland[2]	16	17	Swed..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Pennsylvania	17	17	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General	3,892
Fairfax, No. 93[9]	17	17	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Manley, No. 74[9]	17	17	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Iris	17	18	Neth..	Royal Neth. S. S. Co..	Guayaquil, Ecua.	Cristobal, C. Z.	General	399
Persephone[1, 2]	16	17	Pan...	Standard Oil Co	Talara, Peru	Habana, Cuba	Crude oil	11,676
Memphis[12]	17	17	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tudor Star	16	17	Brit...	Blue Star Line	Victoria, B. C.	Newcastle, Eng.	Frozen, gen.	4,801
Lancaster	17	17	Amer..	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,992
Narenta	17	18	Brit...	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth	General	6,457
Orazio[2]	17	18	Ital...	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,787
Kiyosumi Maru[2]	17	18	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	7,643
S-11[7]	18	18	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Jonna	17	18	Dan...	J. Lauritzen	Seattle, Wash.	Haifa, Palestine..	Fruit	1,092
Annetta I[2]	18	29	Pan...	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Steel Trader	17	18	Amer..	Isthmian S. S. Lines..	N. Westm'er, B. C.	Swansea, Wales..	Gen., lumber	8,125
Istmo	18	19	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	300
Phoebus[1, 2]	17	18	Pan...	Panama Transp. Co..	Talara, Peru	Le Havre, France	Crude oil	12,372
El Mirlo[1, 2]	17	18	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Donges, France..	Crude oil	11,576
Darien	18	18	Pan...	United Fruit Co	Pto. Arm'les, R. P.	Boston, Mass.	Bananas	1,146
Cali	18	...	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,006
Tekoa	18	19	Brit...	N. Z. Shipping Co	Sydney, Aust'lia.	United Kingdom.	Frozen, gen.	7,875
Real[2]	18	19	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	43
Mexican	18	18	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	Gen., lumber	10,219
Preradovic	18	19	Y-Slav.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores[14]	Nitrates	8,050
Sunoil[1, 2]	18	18	Amer..	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,608
Villanger[2]	18	19	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	6,850
Point Arena	19	19	Amer..	Swayne & Hoyt	Portland, Oreg.	New Orleans, La.	Wheat	4,464
President Lincoln.	20	20	Amer..	Dollar Line	Manila, P. I.	New York, N. Y.	General	8,321
Koll[1, 2]	19	20	Nor...	Standard Oil Co	Talara, Peru	S'ampton, Eng.	Crude oil	13,963
Hagan[1]	19	20	Amer..	Penn. Shipping Co	Los Angeles, Cal.	San Juan, P. R.	([15])	8,755
Andino[1]	20	20	Brit...	Lago Shipping Co	Balboa, C. Z.	Aruba, D. W. I.	Ballast	.....
Santa Paula	20	21	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,992
Erlangen	20	21	Ger...	North German Lloyd.	Talcahuano, Chile	Bremen, Ger.	General	8,749
Leticia[2]	20	20	Pan...	A. Tagaropulos	Panama, R. P.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] Sailboat. [14] For orders. [15] Special naphtha.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Abana	20	22	Ger.	North German Lloyd	S. Jose de Guat.	Hamburg, Ger.	Coffee, gen.	1,447
Frederika Lensen	20	21	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Glasgow, Scot.	Lumber, gen.	7,145
Canadian Scottish	21	22	Brit.	Can. Nat. Steamships	Brisbane, Aus'lia.	Halifax, N. S.	General	3,018
Kentuckian	21	21	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	6,084
Kwansai Maru [2]	21	22	Jap.	Osaka Shosen Kaisha	Shanghai, China	Baltimore, Md.	General	4,617
Suriname	21	21	Amer.	United Fruit Co.	Pto.Arm'les, R.P.	Mobile, Ala.	Bananas	790
Salvador	21	27	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	602
Tamaroa	21	22	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London,England	Frozen, gen.	5,229
Leeds City	21	22	Brit.	Modiano Bros. & Sons	Dairen, China	United Kingdom	Soy beans	8,040
Herman F. Whiton	22	22	Amer.	Dutton Lumber Corp	Tacoma, Wash.	Providence, R. I.	Lumber	7,300
Point Montara	22	22	Amer.	Gulf-Pacific Line	Seattle, Wash.	New Orleans, La.	Gen., lumber	4,002
York City	22	23	Brit.	East Asiatic Co.	Dairen, China	Cobh, I. F. S. [14]	Soy beans	9,030
Slemmestad [2]	22	22	Nor.	Fern Line	Philippines	East coast,U.S.A.	Sugar	7,500
Santa Lucia	21	23	Amer.	Grace Line	S. Antonio, Chile.	New York, N. Y.	General	5,969
Washington Express. [2]	22	22	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	Fresh fruit	1,675
Mobile City	22	22	Amer.	Isthmian S. S. Lines	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,223
Willhilo	22	22	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,952
Yahiko Maru [2]	22	23	Jap.	Mitsui & Co.	Iloilo, P. I.	New York, N. Y.	General	6,198
Hopecrest [2]	22	23	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Grangem'th, Scot	Lumber, gen.	9,125
Robert Luckenbach.	22	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,038
Alaskan	23	23	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	7,864
Tilthorn	23	23	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nit. of soda	10,350
Trois Ilets	23	29	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	172
Pacific Grove [2]	24	24	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,600
Mallard No. 44 [4]	24	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Musa	24	24	Pan.	United Fruit Co.	Pto. Arm'les,R.P.	New York, N. Y.	Bananas	1,100
Real [2]	24	25	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	44
Canada [2]	24	24	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	General	9,559
S-12 [7]	24	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-13 [7]	24	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-10 [7]	24	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Gannet, No. 41 [4]	24	...	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	.....	.....
Handicap [2]	24	24	Nor.	Continental Grain Co.	Stockton, Calif.	Hull, England	Barley	7,880
Portmar	24	24	Amer.	Calmar S. S. Corp.	Portland, Oreg.	New York, N. Y.	Lumber, gen.	5,725
San Benito	25	25	Pan.	United Fruit Co.	Pto.Arm'les,R. P.	Boston, Mass.	Bananas	750
Sambu [2]	25	26	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	30
Tuira [2]	25	26	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	65
Sona [2]	25	26	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
San Clemente	25	25	Amer.	Calif. & Eastern Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,138
Istmo	25	26	Pan.	Elliot Ship.&Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	553
Durazzo	25	27	Ger.	Hamburg-Amer. Line	Callao, Peru	Cristobal, C. Z.	Coffee, gen.	930
Romsdalshorn	25	26	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S. C.	Nit. of soda	10,300
Willzipo	26	26	Amer.	Williams S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	10,200
Ankara	26	26	Nor.	American Metal Co.	SanAntonio,Chile	Carteret, N. J.	Ores	4,925
Pajala [2]	26	26	Swed.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Savannah, Ga.	Saltpeter	10,300
Nogoya	26	27	Brit.	Royal Mail Lines	Vancouver, B. C.	London, England.	General	3,395
Strassa [2]	26	26	Swed.	Chile Nit. Sales Corp.	Iquique, Chile	Pensacola, Fla.	Nit. of soda	8,500
Wright [13]	25	30	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	.....	.....
Belfast Maru	26	27	Jap.	Kawasaki D'kyard Co.	Shanghai, China	Galveston, Tex.	([15])	5,232
Victoria City	26	27	Brit.	Reardon-Smith Line	Seattle, Wash.	Cardiff, Wales	General	7,900
Horace Luckenbach.	26	27	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,439
Avala	27	27	Y-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Alexandria, Eg.	Nit. of soda	10,350
Hoegh Carrier [2]	27	28	Nor.	"K" Line, Kobe	Shanghai, China	Baltimore, Md.	Silk, general	8,112
Hawaiian	27	27	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,059
California	27	28	Amer.	Panama-Pacific Line	Los Angeles, Cal.	New York, N. Y.	General	2,436
Willowpool	27	28	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [14]	Nitrates	8,200
Point Lobos	27	28	Amer.	Swayne & Hoyt	Seattle, Wash.	PaanamaCity,Fla	Lumber, gen.	5,663
Point Estero	27	28	Amer.	Swayne & Hoyt	S. Francisco, Cal.	Tampa, Fla.	General	5,398
Mayari	28	28	Pan.	Balboa Shipping Co.	Pto.Arm'les,R. P.	Boston, Mass.	Ballast	.....
Chimu	28	29	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	Coffee, gen.	1,441
Grainton	28	28	Brit.	British-Can. S. S. Co.	Vancouver, B. C.	London, England	Grain	9,395
Santa Inez [2]	28	29	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,445
St. Mihiel [8]	12-30	29	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Supplies	382
Edwin Christenson.	1-28	29	Amer.	Sudden & Christenson	Portland, Oreg.	Baltimore, Md.	Lumber	7,748
Aachen	28	30	Ger.	North German Lloyd	Magallanes,Chile	Bremen, Ger.	General	7,909
Tai Shan [2]	28	29	Pan.	Wilh. Wilhelmsen	Yokohama,Japan	New York, N. Y.	General	5,524
W. S. Miller [2]	29	29	Amer.	Standard Oil Co.	Los Angeles, Cal.	Tiverton, R. I.	Fuel oil	10,500
Charles R. McCormick.	29	29	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	8,738
Wyoming	29	30	Fr.	French Line	Astoria, Oreg.	Rotterdam,Neth.	Gen., wheat	6,792
Lochgoil [2]	29	30	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	9,299
Sekstant	29	2	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	962
Rialto [2]	29	31	Ital.	Nav. Libera-Triestina.	Vancouver, B. C.	Trieste, Italy	General	8,440
Benreoch	29	30	Brit.	Geo. H. Scales, Ltd.	Picton, N. Z.	London, England.	Wool	3,540

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [8] Transport. [13] Aircraft tender. [14] For orders. [15] Wood oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mapia [2]	30	30	Neth.	Pac.-Java-Bengal Line	Vancouver, B. C.	Calcutta, India	Lumber, gen.	8,667
Gedania [1] [2]	30	31	Ger.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	12,658
Alkmaar	30	31	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	11,010
Arica	30	1	Fr.	French Line	Talcahuano, Chile	Havre, France	General	8,662
San Felipe	30	31	Amer.	Quaker Line	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	7,154
Chester Sun [1] [2]	30	31	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,391
Canadian Victor	31	1	Brit.	Can. Nat. Steamships.	Auckland, N. Z.	Halifax, N. S.	Wool, gen.	2,392
Platano	31	31	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,033
Taihei Maru [2]	31	31	Jap.	Mitsui Bussan Kaisha.	Iloilo, P. I.	New York, N. Y.	Silk, gen.	6,315
Azul	31	31	Brit.	Kaye Son & Co., Ltd.	Iquique, Chile	Azores [13]	Nitrates	7,720
Spencer Kellogg [1]	31	31	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New Orlenas, La.	Coconut oil	6,492
Minnesotan	31	31	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,651
Steel Maker	31	31	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	Avonmouth, Eng.	Grain, gen.	8,168
Florence Luckenbach.	31	31	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	Mobile, Ala.	General	6,459
Seattle [2]	31	2	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,540
Liberator	1	1	Amer.	Lykes Bros.-Ripley	Yokohama, Japan	New Orleans, La.	Corpa, hemp	7,334
Annetta I [2]	1	5	Pan.	P. W. Hamilton	Darien, R. P.	Cristobal, C. Z.	Bananas	63
Real [2]	1	2	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Em'ty drums	3
Nankai Maru [2]	1	2	Jap.	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md.	General	3,212
Moldanger [2]	1	1	Nor.	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,776
Sambu [2]	1	2	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Istmo	1	3	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	642
Lillian Luckenbach.	1	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,914
Manizales	1	3	Ger.	North German Lloyd.	Guayaquil, Euca.	Cristobal, C. Z.	[14]	1,050
Chaucer	1	2	Brit.	Glover Bros.	Iquique, Chile	Azores [13]	Nitrates	9,480
Chickasaw City	1	2	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Chester, Pa.	General	8,253
Wildwood	2	2	Amer.	Shepard S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,402
Juanita [1]	2	2	Venez.	Shell Petroleum Co.	Balboa, C. Z.	Curacao, D. W. I.	Ballast	.....
Troutpool	2	2	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England.	[15]	7,924
Balboa [2]	3	3	Swed.	Johnson Line	Vancouver, B. C.	Stockhom, Swed.	General	7,959
Jersey City	3	3	Brit.	East Asiatic Co.	Dairen, China	Cobh, I. F. S. [13]	Soy beans	8,925
Ionic Star	3	4	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	4,403
Kirishima Maru [2]	3	3	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New Orleans, La.	General	7,179
Uffington Court	3	3	Brit.	Canadian Transp. Co.	Victoria, B. C.	Liverpool, Eng.	Wheat, gen.	8,446
Orduna	3	4	Brit.	Pacific Steam Nav.Co.	San Antonio, Chile	Liverpool, Eng.	General	8,164
Santa Rosa	3	4	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,253
Rangitane [2]	3	3	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England.	Frozen, gen.	7,385
Laurits Swenson [2]	3	4	Nor.	Fred Olsen & Co.	N.Westm'er, B.C.	Oslo, Norway	General	7,370
Trois Ilets	4	8	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	272
Canadian Highlander.	3	4	Brit.	Can. Nat. Steamships.	Wellington, N. Z.	Halifax, N. S.	General	1,328
Pacific Enterprise [2]	4	5	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,949
Montanan	4	4	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,601
Sacramento	30	9	Amer.	Nelson S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	6,572
Sona [2]	4	5	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Steelore	5	5	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Axel Johnson [2]	5	6	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	[16]	5,733
Gypsum King	2	5	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Norfolk, Va.	Nitrates	6,009
Acajutla	4	9	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	[17]	683
West Ivis	3	5	Amer.	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	4,514
Antietam [1]	5	5	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	9,724
Nebraskan	5	5	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,603
Santa Clara	4	6	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	4,908
K. R. Kingsbury [1]	5	5	Amer.	Standard Oil Co.	Los Angeles, Cal.	Tiverton, R. I.	Fuel oil	10,212
Carica Melica	5	5	Y-Slav.	Lautaro Nitrate Corp.	Ant'fagasta, Chile	Azores [13]	Nitrates	9,400
Helen Whittier	5	6	Amer.	Matson Line	Kahului, T. H.	New York, N. Y.	[18]	5,800
Gypsum Prince	5	6	Brit.	Gypsum Packet Co.	Patache, Chile	East coast, U. S.	Bird guano	5,250
Nichiyo Maru [2]	5	6	Jap.	Mitsui Bussan Kaisha.	Penang, Str. Sett.	Wilmington, N. C.	General	6,324
K. I. Luckenbach.	6	6	Amer.	Luckenbach Line	Los Angeles, Cal.	New York, N. Y.	Lumber, gen.	8,299
Erviken	6	6	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrates	10,400
Turrialba	6	6	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,110
Sedgepool	6	6	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	[19]	8,670
Canadian Challenger.	6	7	Brit.	Can. Nat. Steamships.	Brisbane, Aus'lia.	Halifax, N. S.	General	1,485
Rockpool	7	7	Brit.	Anglo-Can. Co., Van.	Vancouver, B. C.	London, England.	[20]	8,100
Anglo Colombian.	7	7	Brit.	Anglo-Can. Co., Van.	Pt. Albernie, B.C.	London, England.	[15]	11,252
Real [2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	63
Bradfyne	7	7	Brit.	East Asiatic Co.	Dairen, China	Cobh, I. F. S.	Soy beans	8,100
Noshiro Maru [2]	7	7	Jap.	Nippon Yusen Kaisha.	Hongkong, China	Baltimore, Md.	General	4,884
Massmar	7	7	Amer.	Calmar Line	Aberdeen, Wash.	Boston, Mass.	Lumber	7,412
Hanley	7	7	Amer.	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	General	5,279
Danmark [1] [2]	7	7	Dan.	Standard Oil Co.	Talara, Peru	Aruba, D. W. I.	[21]	14,879
Chilore	8	8	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Southern Sun [1] [2]	7	9	Amer.	Shell Oil Co.	Los Angeles, Cal.	Marcus Hook, Pa.	Gasoline	11,489

[1] Tanker. [2] Motor ship. [13] For orders. [14] Coffee, cacao, tagua. [15] Grain, lumber. [16] Grain, fruit, lumber, general. [17] Coffee, bullion. [18] Canned pineapples. [19] Grain, lumber, general. [20] Wheat, lumber. [21] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Point Clear	8	8	Amer.	Swayne & Hoyt	Tacoma, Wash.	Mobilie, Ala.	General	6,009
Istmo	8	11	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	634
Annetta I [2]	8	12	Pan.	P. W. Hamilton	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Iris	8	9	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Pto. Colombia	General	560
Laura	8	8	Dan.	S. Lauritzen	Seattle, Wash.	Marseilles, Fr.	Fresh fruit	1,014
Sambu [2]	7	9	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	16
Sona [2]	8	9	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	21
Ancylus [1] [2]	8	8	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lisbon, Portugal	Benzine	11,285
Berganger [2]	8	8	Nor.	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,281
Chelsea	8	8	Brit.	Sea S. S. Co	Vancouver, B. C.	England	Wheat	7,600
Cerigo	8	17	Ger.	Hamburg-Amer. Line	Pisco, Peru	Cristobal, C. Z.	([14])	931
Cathwood [1]	8	9	Amer.	Union Oil Co.	Los Angeles, Cal.	Tiverton, R. I.	([15])	8,721
Harpagon	8	9	Brit.	Canadian Transp. Co.	Victoria, B. C.	Chatham, Eng.	([16])	9,304
Felix Taussig	9	9	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	8,103
Norfolk	8	9	Brit.	Federal SteamNav.Co.	Pt.Chalmers,N.Z.	Glasgow, Scot.	Frozen, gen.	8,770
Fernmoor [2]	9	9	Nor.	Fern Line	Iloilo, P. I.	East coast U.S.A.	Sugar	7,500
Point Sur	9	9	Amer.	Swayne & Hoyt	Seattle, Wash.	Lake Charles, La.	General	4,229
L-41 [5]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Borgestad [2]	9	10	Nor.	Canadian Transp. Co.	Victoria, B. C.	Hull, England	Grain, gen.	6,530
Syra	10	11	Ger.	Hamburg-Amer. Line.	Pt. Angel, Mexico	Hamburg, Ger.	Coffee	2,149
Cortona	10	10	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	General	6,043
San Simeon	10	10	Amer.	Quaker Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,466
William Luckenbach.	10	10	Amer.	Luckenbach Line	Los Angeles, Cal.	Boston, Mass.	Gen., lumber	9,142
Ainderby	10	10	Brit.	Cooperative Wholesale Society.	Vancouver, B. C.	Leith, Scotland	Wheat	8,080
Cumbal [2]	10	10	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	1,315
Georgian	10	10	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	8,600
Mabriton	10	10	Brit.	British Can. S. S. Co.	Vancouver, B. C.	Hull, England	Wheat	10,000
Cornwall	10	10	Brit.	N. Z. Shipping Co.	Pt. Cha'ers, N. Z.	London, England.	Frozen, gen.	7,970
Edgar F. Luckenbach.	10	10	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	8,130
Gisla [2]	10	10	Nor.	Wessel, Duval & Co.	Tocopilla, Chile.	Baltimore, Md.	Nitrates	6,150
Golden Harvest	10	10	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	General	7,616
Damsterdijk [2]	10	11	Neth.	N. Pacific Coast Line.	Vancouver, B. C.	Rotterdam, Neth.	General	9,338
Chincha	10	11	Amer.	Grace Line	Tocopilla, Chile.	Lake Charles, La.	Nit. of soda	4,750
Virginia	10	11	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,205
Mayan	11	16	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,210
Sambu [2]	11	12	Pan.	A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	33
Frank [2]	11	...	Pan.	E. J. Hooper	Aguadulce, R. P.	Gatun Lake, C.Z.	Cattle	52
Bordeaux Maru	11	11	Jap.	Kawasaki K. Kaisha.	Shanghai, China	Baltimore, Md.	General	7,336
Santa Rita [2]	11	12	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Copper, gen.	3,377
Indra [2]	11	11	Nor.	Knut Knutsen	Corral, Chile	Oslo, Norway	General	6,865
Anna Maersk [2]	11	12	Dan.	A. P. Moller	Manila, P. I.	New York, N. Y.	General	6,159
Svealand [2]	11	12	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Buffalo Bridge	11	12	Amer.	Nelson S. S. Co.	S. Francisco, Cal.	New York, N. Y.	General	4,479
Suwied	12	12	Amer.	Kerr Gifford & Co.	Portland, Oreg.	Galveston, Tex.	Wheat	4,227
Devon City [2]	11	12	Brit.	General Cargo Berth.	Vancouver, B. C.	Cardiff, Wales	General	8,259
Axios	11	12	Greek.	Chile Nit. Sales Corp.	Ant'fagasta,Chile	Azores [13]	Nitrates	7,900
Charles Christenson.	12	12	Amer.	Sudden & Christenson	Seattle, Wash.	Baltimore, Md.	Lumber	7,500
Dalcroy	12	12	Brit.	Can. Transport Co.	Vancouver, B. C.	London, England.	Lumber, gen.	7,105
Richie [5]	12	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Amerika [2]	13	13	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	General	7,549
Luossa [2]	13	13	Swed.	Chile Nit. Sales Corp.	Iquique, Chile	Mobile, Ala.	Nitrates	8,460
Boulderpool	13	13	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain	8,000
Tuscaloosa City	12	13	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	General	8,470
Knoxville City	13	14	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	London, England.	General	7,326
Ilissos	13	14	Greek.	S. Livanos	Pto.Chic'ma,Peru	Liverpool, Eng.	Sugar	7,630
Musa	14	14	Pan.	United Fruit Co.	Pto.Arm'les, R.P.	New York, N. Y.	Bananas	1,800
Lewis Luckenbach	14	14	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,026
Nevadan	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,236
Peter Hurll [1] [2]	15	15	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Fawley, England.	Crude oil	16,490
Willkeno	15	15	Amer.	William S. S. Corp.	Everett, Wash.	Bridgeport,Conn.	Lumber, gen.	10,555
Annetta I [2]	15	15	Pan.	P. W. Hamilton	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Luciston	15	15	Brit.	Chile Nit. Sales Corp.	Ant'fagasta,Chile	Charleston, S. C.	Nitrates	8,160
Azumasan Maru [2]	15	15	Jap.	Mitsui & Co.	Cebu, P. I.	New York, N. Y.	General	5,345
Amasis	15	15	Ger.	Hamburg-Amer. Line.	Valparaiso,Chile.	Hamburg, Ger.	General	8,571
Durazzo	15	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	925
Henry D. Whiton.	15	15	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	Philadelphia, Pa.	Lumber	5,285
San Francisco	15	16	Fr.	French Line	Vancouver, B. C.	Le Havre, France	Lumber, gen.	5,194
Trois Ilets	15	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	([17])	265

[1] Tanker. [2] Motor ship. [5] Launch. [13] For orders. [14] Coffee, nuts, hides. [15] Gasoline solvent. [16] Wheat, lumber. [17] Coffee, machines.

Traffic Through the Panama Canal During Calendar Year 1935 by Nationality

Nationality	No. of ships	TONNAGE				Tolls	Tons of cargo
		Panama Canal net	United States equivalent	Registered gross	Registered net		
Belgian	4	25,300	20,704	35,192	23,532	$22,048.00	23,202
British	1,140	6,461,113	4,618,610	7,743,937	4,681,451	5,551,707.22	5,729,132
Chilean	16	54,735	42,265	75,330	44,253	52,582.12	58,749
Danish	133	630,058	404,865	685,274	420,316	491,820.62	559,638
Danzig	32	250,066	212,153	384,433	214,623	225,625.27	276,808
Ecuadorean	1	418	395	870	407	300.96	.....
Finnish	2	5,259	3,540	5,785	3,542	6,070.00	8,325
French	107	613,486	408,505	753,554	418,003	493,863.22	546,263
German	319	1,224,497	838,980	1,434,854	853,043	1,047,010.96	1,243,449
Greek	28	123,667	91,025	143,988	88,800	110,281.70	161,312
Honduran	2	3,174	2,824	5,114	2,908	2,907.64	900
Hungarian	1	3,111	2,646	3,872	2,353	3,307.50	6,020
Italian	62	419,348	269,912	513,798	304,523	328,228.76	225,355
Japanese	257	1,527,943	1,133,866	1,832,311	1,126,063	1,404,565.87	1,552,557
Netherlands	113	537,069	362,571	611,398	366,454	442,697.05	447,928
Norwegian	506	2,365,239	1,587,446	2,645,601	1,591,989	1,858,615.90	2,349,262
Panamanian	161	461,688	348,976	633,753	346,356	391,597.78	401,421
Peruvian	9	5,937	5,438	8,301	4,644	7,449.00	2,971
Spanish	5	18,309	15,391	24,379	15,181	16,454.14	9,150
Swedish	105	518,096	354,953	901,391	435,608	406,758.86	722,180
United States	2,036	11,498,884	7,840,929	13,228,056	7,803,027	9,508,592.10	10,285,045
Venezuelan	2	2,162	2,116	4,084	2,160	2,090.70	2,040
Yugoslav	11	47,144	37,305	59,688	37,177	46,631.25	90,197
Calendar year 1935	5,052	26,796,703	18,605,415	31,734,963	18,786,413	22,421,206.62	24,701,904
Calendar year 1934	5,342	28,970,590	20,519,092	34,659,038	20,685,311	24,358,323.00	25,900,152
Calendar year 1933	4,612	25,234,219	17,936,730	30,159,967	18,130,619	21,403,255.24	21,146,760

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons or over, Panama Canal measurement.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels which transited the Canal during the calendar year 1935 and paid tolls on the basis of displacements, as follows:

Nationality	No. of vessels	Displacement tonnage	Tolls
British	9	46,137	$23,068.50
Finnish	1	3,290	1,645.00
French	2	9,743	4,871.50
German	2	12,980	6,490.00
Peruvian	4	2,304	1,152.00
Spanish	1	3,356	1,678.00
Total	19	77,810	38,905.00

Coal

Coal, bunker, U. S Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Comparison of Traffic at the Suez and Panama Canals for the Calendar Years 1934 and 1935

The following is a comparison of traffic at the Suez and Panama Canals for the calendar years 1934 and 1935.

Month	Suez Canal			Panama Canal		
	Number of transits		Percent decrease	Number of transits		Percent decrease
	1934	1935		1934	1935	
January	497	487	2.0	479	425	11.3
February	437	410	6.2	452	430	4.9
March	480	484	[1] 0.8	508	455	10.4
April	508	506	0.4	469	432	7.9
May	494	481	2.6	459	424	7.6
June	412	458	[1] 11.2	366	405	[1] 10.7
July	437	487	[1] 11.4	394	377	4.3
August	463	503	[1] 8.6	401	395	1.5
September	468	531	[1] 13.5	435	391	10.1
October	527	604	[1] 14.6	467	441	5.6
November	474	548	[1] 15.6	469	418	10.9
December	466	493	[1] 5.6	443	459	[1] 3.6
Total	5,663	5,992	[1] 5.8	5,342	5,052	5.4

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent decrease	Tolls collected		Percent decrease
	1934	1935		1934	1935	
	Thousands	*of francs*		*Thousands*	*of dollars*	
January	78,230	74,200	5.2	2,160	1,911	11.5
February	66,780	65,010	2.7	2,079	1,827	12.1
March	77,000	74,990	2.6	2,280	2,018	11.5
April	76,370	79,210	[1] 3.7	2,121	1,891	10.8
May	73,020	72,140	1.2	2,146	1,996	7.0
June	62,060	68,600	[1] 10.5	1,707	1,798	[1] 5.3
July	65,210	71,730	[1] 10.0	1,823	1,684	7.6
August	69,930	71,640	[1] 2.4	1,907	1,757	7.9
September	67,860	73,410	[1] 8.2	1,948	1,781	8.6
October	78,670	85,670	[1] 8.9	2,098	1,964	6.4
November	70,720	79,790	[1] 12.8	2,138	1,797	15.9
December	70,560	71,330	[1] 1.1	1,952	1,997	[1] 2.3
Total	856,410	887,720	[1] 3.7	24,358	22,421	8.0

[1] Denotes increase.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 25 percent surcharge, to individuals and companies, as of February 15, 1936:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.135
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.25
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.10
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S.A.E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U.S. Navy.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Daily, same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Wednesdays, Fridays, Sundays and holidays, 1.30 to 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U	
Ward 14, White, male, G. U	Tuesdays, Thursdays, Saturdays, Sundays, and holidays, 2.30 to 4.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, Sundays and holidays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.00 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.30 to 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except to visit tuberculosis patients Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXIX. Balboa Heights, C.Z., March 15, 1936. No. 8.

Traffic Through the Panama Canal in February 1936

The total vessels of all kinds transiting the Panama Canal during the month of February 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	February 1934	February 1935	February 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	452	430	232	220	452
Local commercial vessels [1]	32	48	34	23	57
Noncommercial vessels:					
United States Government	35	26	18	15	33
State of California	.....	.....	.....	1	1
For repairs	.....	5	.....	.....	.....
Total	519	509	284	259	543

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended February 29, 1936, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
March	508	455	2,702,006	2,398,231	2,464,735	2,210,434	$2,280,217.26	$2,018,114.62
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	2,120,640.81	1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536 76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
Total	5,266	5,121	28,426,696	27,030,595	25,471,184	25,224,402	23,857,823.70	22,654,339.11

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for February 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 119	659,515	525,795	Norwegian	47	215,914	215,008
Chilean	1	3,886	4,820	Panamanian	18	53,952	58,833
Danish	14	57,778	64,664	Swedish	13	60,690	80,903
French	6	31,542	27,281	United States	162	882,461	813,298
German	28	124,375	107,129	Yugo-Slav	2	9,295	18,300
Greek	7	34,872	33,924	Venezuelan	2	2,162	1,805
Italian	3	21,671	18,397				
Japanese	20	119,581	128,463	Total	452	2,322,013	2,155,031
Netherlands	10	44,319	56,411				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Includes two naval vessels of 2,470 tons displacement.

Traffic by Trade Routes, February 1936

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	55	310,208	168,215	58	332,582	440,583
East coast United States and:						
Canada	4	19,456	11,391	.....	.....	.....
Central America	4	13,395	.....	4	13,395	5,820
South America	21	107,188	15,450	25	102,458	208,842
Hawaiian Islands	4	21,255	15,603	3	14,818	21,980
Australasia	4	30,431	19,951	1	5,042	7,205
Philippine Islands	11	70,833	53,057	9	58,857	60,931
Far East	18	99,028	128,924	7	41,147	39,177
Canadian intercoastal	1	5,344	3,324	.....	.....	.....
East coast Canada and:						
South America	1	1,595	2,185	3	15,875	29,463
Australasia	2	8,323	7,599	2	8,769	2,813
South American intercoastal	3	7,310	13,706	1	620	560
East coast South America and:						
United States	1	5,089	3,695	3	12,574	13,962
Canada	2	9,337	7,115	.....	.....	.....
Far East	1	5,821	3,838	.....	.....	.....
Cristobal and:						
Central America	4	4,094	1,736	4	4,094	3,381
South America	8	5,207	3,233	11	7,034	7,342
West Indies and:						
United States	1	3,826	.....	.....	.....	.....
Canada	1	5,680	.....	.....	.....	.....
South America	.....	.....	.....	1	7,789	14,879
Balboa	2	8,830	7,985	1	1,081	8,900
Far East	1	3,761	3,523	1	5,822	3,206
Europe and:						
United States	12	63,661	10,000	2	11,956	22,645
Canada	43	220,854	56,936	48	256,508	376,639
Central America	2	5,735	4,074	2	4,181	4,485
South America	12	77,089	40,712	20	114,728	182,008
Australasia	9	78,806	33,696	6	55,791	44,873
Far East	.....	.....	.....	3	15,286	25,025
Egypt and South America	.....	.....	.....	1	4,190	.....
Africa and:						
United States	.....	.....	.....	1	1,506	1,014
South America	1	4,336	.....	.....	.....	.....
Around the world	2	17,694	6,317	1	6,037	7,033
Foreign vessels in ballast (United States intercoastal)	1	5,221	.....	.....	.....	.....
Vessels not engaged in commerce	[5] 1	466	.....	[6] 2	.....	.....
Total	232	1,219,873	622,265	220	1,102,140	1,532,766

[5] Yacht. [6] Naval.

Origin and Destination of Cargo by Major Areas, February 1936

The following table summarizes the origin of cargo passing through the Canal in February 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	185,215	25,369	175,558	12,724	19,583	418,449
Other North America	744	14,457	7,708	8,210	8,045	39,164
Europe	49,728	14,277	.....	37,872	33,518	135,395
Miscellaneous	11,441	179	1,547	15,990	100	29,257
Total	247,128	54,282	184,813	74,796	61,246	622,265

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	439,451	5,381	91,916	15,620	552,368
Canada	.....	5,612	299,695	2,983	308,290
Other North America	27,855	3,572	6,004	.....	37,431
South America	205,643	57,530	179,769	9,052	451,994
Australasia	8,712	1,394	44,787	.....	54,893
Asia	96,597	6,160	25,025	8	127,790
Total	778,258	79,649	647,196	27,663	1,532,766

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during February 1936 or in February 1935 are listed below:

Commodity	February		Commodity	February	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	7,363	32,739	Canned goods (various)	56,084	76,722
Automobiles and parts	20,553	30,708	Coffee	18,469	18,592
Cement	15,744	18,086	Cold storage (food products) [7]	41,280	32,862
Cotton, raw	18,870	20,988	Fish meal	12,878	5,376
Iron and steel manufactures	79,734	89,097	Flour	28,658	25,237
Machinery	9,010	14,945	Fruit, dried	17,059	18,455
Metals, various	14,773	12,428	Fruit, fresh [8]	28,026	21,867
Nitrates	7,569	10,861	Lumber	174,271	253,910
Oils, mineral	34,263	45,965	Metals, various	43,702	46,794
Ores, various	279	15,497	Nitrates	115,307	150,776
Paper	26,504	25,506	Oils, mineral	208,358	218,030
Phosphates	17,197	37,561	Oils, vegetable	13,222	18,400
Scrap metal	73,892	41,939	Ores (principally iron)	56,919	123,126
Sulphur	24,794	14,088	Rubber	5,953	11,639
Tinplate	15,996	18,455	Soy beans	42,549	25,058
			Sugar	84,849	72,166
Pacific to Atlantic			Wheat	136,779	202,914
Asphalt and tar	11,251	754	Wood pulp	7,828	17,564
Beans, edible	13,538	17,792	Wool	9,954	12,713

[7] Except fresh fruit. [8] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of February 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	78	.....
Agricultural implements	1,235	367	2,724	367
Alfalfa meal	.....	353	.....	428
Ammonium compounds	227	31	32,739	31
Animal foods [9]	72	716	72	1,282
Apparel, wearing (hats, shoes, clothing, etc.)	222	2	222	18
Asbestos	27	.....	1,682	.....

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asphalt and tar	26	118	1,953	754
Automobiles (and autotrucks)	9,156	8	24,073	14
Automobile parts and accessories	3,025	329	6,635	363
Bags and bagging, textile	22	175	361	305
Bamboo and products	.....	3	.....	230
Bananas	.....	.....	.....	7,098
Barks, miscellaneous	292	28	299	200
Barley	.....	836	.....	8,260
Beans, edible, dry	.....	8,530	61	17,792
Beer	84	.....	126	2
Beverages, nonalcoholic	252	31	353	31
Blood and tankage	.....	.....	367	101
Bones and bone meal	.....	45	806	45
Books and printed matter	114	.....	161	.....
Borax	90	1,338	90	6,832
Bran and pollards	.....	45	.....	2,401
Bricks and tile	239	.....	1,142	.....
Camphor, crude	.....	.....	.....	206
Canned and preserved goods:				
Fish	522	12,377	1,020	18,414
Fruit	882	23,090	890	43,102
Meat	81	5	1,673	162
Milk	94	200	401	698
Soup	2,652	292	2,769	292
Vegetables	645	4,024	661	4,037
Miscellaneous and unclassified	2,268	9,059	2,482	10,017
Carbon black	79	.....	713	.....
Celite	.....	638	.....	638
Cement	453	.....	18,086	.....
Chalk	.....	.....	316	.....
Charcoal	45	.....	176	.....
Chemicals [9]	4,215	2,191	7,225	3,097
Clay, china and fire	907	102	960	247
Clay, filtering	.....	104	54	304
Coal	800	.....	4,153	.....
Cocoa and cacao beans	170	.....	781	1,374
Coconuts and products [9]	48	1,245	98	1,291
Coffee	75	116	5,241	18,592
Coke	.....	.....	380	.....
Cold storage and refrigerated products:				
Dairy products	108	.....	279	16,485
Eggs	.....	270	19	297
Fish	.....	25	47	752
Lard	706	226	1,011	246
Meats	.....	170	174	14,714
Poultry	.....	110	.....	120
Vegetables	.....	177	.....	208
Other and unclassified	.....	40	74	40
Confectionery	1,275	.....	1,344	21
Copra	.....	.....	257	8,710
Corn	.....	.....	1,502	905
Cotton, raw	.....	3,117	20,988	7,131
Drugs and medicines	1,440	2	1,622	85
Dyes	.....	.....	900	.....
Earthenware	73	.....	316	91
Eggs, dried	.....	.....	.....	62
Electrical apparatus and appliances	467	41	696	120
Explosives	81	.....	231	5
Extract, quebracho	.....	.....	620	.....
Fertilizers [9]	490	523	3,363	563
Fish, salted or dry-cured	.....	34	19	39
Fish meal	.....	2,268	4	5,376
Floor coverings	1,618	890	1,727	2,100
Flour	594	21,804	2,614	25,237
Fruit, dried	3	8,397	109	18,455
Fruit, fresh [9]	19	3,205	486	21,867
Furniture and household goods	489	70	588	132
General	22,785	9,673	50,381	19,211
Glass and glassware	2,109	323	4,011	960
Glue	103	115	152	145
Grains [9]	.....	63	207	106
Groceries	810	289	927	1,304
Guano	.....	.....	22	5,250
Gums	.....	85	.....	194
Hair, all kinds	67	64	67	294
Hay	.....	25	.....	95
Hemp, unmanufactured	22	284	1,280	2,396
Honey	20	107	20	191
Hops	.....	.....	.....	5
Horns and hoofs	.....	.....	16	30

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Infusorial earth	.....	347	.....	587
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	50,481	383	89,097	397
Ivory nuts	171	180	185	1,849
Jute, unmanufactured	.....	.....	307	.....
Lard substitute	247	.....	247	1
Lime	.....	.....	50	.....
Liquors	2,414	1,245	3,546	1,266
Lumber (including manufactured mill products)	2,045	153,605	2,439	253,910
Machinery	4,601	777	14,945	1,562
Malt	.....	.....	485	30
Manufactured goods [9]	3,208	368	4,596	2,080
Marble and granite	.....	.....	152	.....
Matches	666	215	731	254
Metals:				
Copper	237	13,094	1,289	30,500
Gold and silver	.....	3	.....	25
Iron	4,720	.....	8,398	.....
Lead	202	.....	1,322	12,156
Tin	4	160	557	1,145
Zinc	19	.....	685	2,920
Other and unclassified	77	7	177	48
Milk, powdered	87	216	140	938
Molasses and syrups	232	.....	232	248
Nitrates	2,896	.....	10,861	150,776
Nuts, edible (including meats)	19	88	1,501	346
Oats	26	1,070	27	4,870
Oils, mineral:				
Crude	.....	10,212	20	98,972
Gas and fuel	16	35	18,791	35
Gasoline, benzine, and naphtha	.....	33,455	4,334	81,739
Kerosene	.....	29,686	21	36,124
Lubricating and greases	6,027	1,085	22,671	1,160
Other and unclassified	125	.....	128	.....
Oils, vegetable:				
Coconut	.....	871	7	5,107
Cottonseed	33	.....	1,802	300
Linseed	634	.....	714	120
Olive	71	33	691	33
Rapeseed	.....	.....	41	770
Wood	29	29	29	3,927
Other and unclassified	112	1,961	145	8,143
Oil, fish	35	804	197	916
Oil, whale	.....	587	.....	587
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	117	.....	6,755
Oilseed cake and meal	982	.....	1,003	6,291
Ores:				
Antimony	.....	.....	.....	425
Copper	.....	302	.....	2,388
Gold and silver	.....	.....	8,610	10,245
Iron	.....	.....	1,226	86,100
Lead	.....	.....	.....	4,112
Magnesite	.....	3,754	.....	3,804
Manganese	.....	900	41	5,790
Tin	.....	62	.....	3,532
Zinc	351	.....	376	4,880
Other and unclassified	73	44	5,244	2,275
Paints and varnishes	1,611	164	2,758	230
Paper and paper products [9]	9,331	6,786	25,504	7,776
Paper scrap	.....	.....	2	.....
Peanuts	914	.....	914	8
Peas, dry	45	99	45	328
Peatmoss	150	.....	510	.....
Phosphates	839	.....	37,561	.....
Plaster	.....	.....	45	.....
Porcelainware	665	748	1,389	3,457
Potash	91	1,692	5,095	1,693
Pyrethrum flowers	.....	46	.....	395
Rags and waste	122	576	441	2,102
Railroad material	270	.....	1,651	.....
Rice	846	1,286	934	6,037
Rope and twine	254	44	267	44
Rosin	1,489	.....	3,883	.....
Rubber:				
Manufactured	611	10	994	10
Raw	.....	14	.....	11,562
Scrap	.....	6	40	67
Salt	187	549	4,601	574
Sand	20	.....	5,151	144
Scrap metal	603	820	41,939	907

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	35	432	480	701
Sewer pipe (concrete and terra-cotta)	448	.....	448	.....
Shells, oyster	1,972	.....	2,599	22
Silk, raw	.....	2,257	16	4,778
Skins and hides	29	2,180	211	5,244
Slag	.....	.....	2,150	.....
Slate	346	.....	346	.....
Soaps and products	892	177	962	247
Soda and sodium compounds:				
Soda ash	470	.....	522	1,290
Soda, caustic	193	.....	504	.....
Miscellaneous and unclassified	259	.....	339	75
Soy beans	1,696	.....	1,696	25,058
Sugar	19	20,329	111	72,166
Sulphur	9,563	.....	14,088	.....
Talc	.....	1	.....	61
Tallow	.....	549	.....	2,205
Tea	.....	121	116	1,261
Textiles [10]	3,364	350	8,167	2,554
Tinplate	3,247	255	18,455	716
Tobacco and manufactures	551	149	4,634	185
Toilet preparations	455	10	466	22
Turpentine	13	.....	236	.....
Vegetables, dry [9]	.....	.....	58	1,260
Wall board	163	.....	345	144
Wax, paraffin	108	30	835	143
Wheat	.....	6,244	200	202,914
Wines	173	2,233	876	2,704
Wood pulp	22	14,938	3,182	17,564
Wool	11	1,866	343	12,713
Total, February 1936	185,215	439.451	622,265	1,532,766
Total, February 1935	156,383	386,198	534,544	1,301,839
Total, February 1934	136,003	624,914	466,262	1,657,694

[9] Except as otherwise classified. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of February 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	37,163	.....	8	45,601	83,867
East coast Canada and South America	1	1,595	2,185	2	8,605	15,513
South American intercoastal	1	6,299	12,329	.....	.....	.....
East coast South America and United States	.....	.....	.....	1	4,674	9,448
West Indies and:						
United States	1	3,826	.....	.....	.....	.....
South America	.....	.....	.....	1	7,789	14,879
Balboa	2	8,830	7,985	1	1,081	.....
Europe and:						
United States	4	21,937	.....	2	11,956	22,645
South America	3	18,694	.....	5	31,659	65,885
Africa and South America	1	4,336	.....	.....	.....	.....
Total	19	102,680	22,499	20	111,365	212,237

Comparison of Canal Traffic in February 1936, with February Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of February			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[11] 88	317	424	1915	[12] 100	361	466
1916	([13])	.....	.....	1916	60	199	258
1917	130	463	547	1917	145	483	588
1918	149	487	473	1918	165	547	627
1919	153	512	563	1919	162	510	576
1920	200	703	780	1920	199	712	781
1921	236	916	953	1921	232	950	966
1922	207	886	838	1922	222	951	907
1923	318	1,529	1,563	1923	325	1,550	1,631
1924	415	2,109	2,244	1924	429	2,179	2,249
1925	369	1,788	1,839	1925	382	1,904	1,996
1926	416	1,990	2,139	1926	424	2,064	2,169
1927	435	2,200	2,229	1927	441	2,184	2,311
1928	523	2,458	2,659	1928	521	2,453	2,468
1929	510	2,427	2,549	1929	524	2,485	2,554
1930	475	2,368	2,377	1930	502	2,497	2,502
1931	419	2,133	1,929	1931	447	2,314	2,089
1932	345	1,877	1,645	1932	364	1,977	1,650
1933	344	1,831	1,434	1933	347	1,900	1,513
1934	452	2,462	2,124	1934	436	2,379	2,059
1935	430	2,205	1,836	1935	432	2,317	2,109
1936	452	2,322	2,155	([14])	426	2,234	2,070

[11] Canal opened August 15, 1914. [12] Average for 10½ months of fiscal year ended June 30, 1915. [13] Canal closed account of slides. [14] Average for 8 months of fiscal year 1936.

Terminal Activities

Ships repaired during the month of February 1936 numbered 66; of this number 21 were drydocked. Fuel oil in the quantity of 373,471 barrels was delivered as bunkers to 149 commercial ships. Bunker coal amounting to 3,596 tons was delivered to 20 commercial ships. Sales of commissary supplies to ships aggregated $53,484.74.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons..	21,826	8,583	30,409
Local cargo shipped ..... tons..	4,512	599	5,111
Cargo received for transshipment ..... tons..	38,005	924	38,929
Cargo transshipped ..... tons..	33,110	726	33,836
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	.....	9
Number of releases issued	45	13	58
Tons received	60	.....	60
Tons withdrawn	54	8	62

NOTE.—Above figures are in tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	534	3,406,352	2,017,498	481	2,877,724	1,723,848
Vessels entering port but not transiting Canal	71	581,677	328,160	11	55,347	32,602
Vessels transiting Canal and handling passengers and cargo at terminal ports	126	847,076	491,504	99	699,162	386,468
Ships clearing						
All vessels, including those transiting Canal	533	3,412,408	2,022,143	484	2,859,351	1,711,767
Vessels clearing port but not transiting Canal	72	582,539	329,346	18	63,332	40,631
Vessels transiting Canal and handling passengers and cargo at terminal ports	124	846,941	492,196	100	704,404	389,630

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, February 15, 1936, to midnight, March 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Stella, 165, 0
Kongo Maru, 448, 0
Baarn, 170, 209
Istmo, 671, 298
Magallanes, 192, 434
Peten, 41, 31
Santa Elena, 68, 67
Lochmonar, 187, 86
Antofagasta, 156, 0
Atlantida, 104, 204
Crijnssen, 182, 12
Elfi, 0, 50
Buenos Aires, 180, 19
President Cleveland, 270, 0
Santa Maria, 703, 63
San Gabriel, 295, 0
Osnabruck, 358, 273
Elbe, 58¾, 351
Ancon, 1,695, 640
Salvador, 671, 534
Santa Clara, 380, 224
Fulda, 278, 160
Frieseland, 10, 0
Kokuroku Maru, 715, 102½
Santa Rosa, 9, 222
Veragua, 133, 76
Wales Maru, 211, 0
Phoenicia, 570, 403
Metapan, 605, 250
Orbita, 58, 640
Arizona, 270, 112
Sutherland, 240, 0
Phrygia, 113, 58
Portland, 80, 194
Naruto Maru, 1,193, 0
Real, 0, 70
Sambu, 0, 19
Istmo, 385, 134
Ulua, 416, 626
Pastores, 69, 850
Manizales, 647, 0
Crijnssen, 9, 254
Trois Ilets, 0, 255
Turrialba, 413, 0
Commercial Alabaman, 202, 370
San Antonio, 30, 47
Durazzo, 0, 989
Veragua, 75, 401
Caribia, 344, 32
Lasbek, 78, 69
Fella, 84, 0
Santa Barbara, 127, 11
Virgilio, 3, 424
Contessa, 129, 111
Poseidon, 583, 0
Palatia, 105, 720
Conus, 11,720, 0
Cacique, 370, 0
Annie Johnson, 57, 84
Tai Ping Yang, 321, 0
Sekstant, 836, 0
Roda, 63, 227
Mantilla, 4,227, 0
Guayaquil, 1,411, 572
President Hayes, 0, 4
Santa Rita, 120, 58
Quirigua, 270, 73
Granville, 222, 0
Colombia, 237, 21
Santa Marta, 726, 76
Alton, 1½, 7½
Pasajero, 0, 16
Merchant, 289, 1
Canadian Scottish, 0, 4
Istmo, 639, 220
Calamares, 695, 527
California, 374, 0
Colombia, 122, 913
Cumbal, 325, 396
Cali, 627, 353
Iris, 531, 41
Sona, 0, 45
Huntingdon, 139, 0
Tatsuno Maru, 18, 0
Benjamin Franklin, 17, 1,004
Barneveld, 22, 549
Schwaben, 223, 355
Wisconsin, 280, 310
Leticia, 0, 25
Margaret Johnson, 56, 522
Quirigua, 43, 83
Lochkatrine, 125, 158¼
Santa Paula, 142, 23
Canadian Constructor, 17, 150
Dinteldijk, 216, 1
Atlantida, 195, 488
Trois Ilets, 175, 0
Santa Lucia, 253, 101
Caribia, 71¼, 678
Tacoma, 169, 102
Grenland, 0, 699
Governor, 201, 121
Emergency Aid, 607, 288
Cristobal, 2,275, 766
Acajutla, 749, 293
Cornwallis, 67, 15
Iris, 200 lbs., 150½
Komaki Maru, 260, 0
Lahn, 25, 390
Carimare, 78, 474
Santa Maria, 290, 42
Peten, 419, 36
Santa Elena, 118, 118
Sixaola, 649, 392
India, 10, 0
Bronxville, 0, 302
Bodegraven, 108, 201
Sanyo Maru, 717, 55½
Gertrude Maersk, 657, 0
Cerigo, 1,010, 866
Haiti, 279, 830
Toloa, 1,073, 402
Lagarto, 13, 33
Colombia, 1, 328
Istmo, 452, 255
Reina del Pacifico, 56, 9
Orazio, 128, 203
Chimu, 232, 0
Peten, 117, 73
Tillie Lykes, 405, 180
San Clemente, 204, 131 lbs.
Occidental, 805, 0
Lobos, 133, 0
Canadian Challenger, 98, 121
Delftdijk, 281, 193
Nuevo Panama, 9, 205
Santa Inez, 87, 2
Troja, 165, 590
Dusseldorf, 221, 197
Santa Inez, 87, 2
Mayan, 1,666, 482
San Ambrosia, 0, 5
Alabama, 91, 159
Abraham Lincoln, 0, 635
Tai Shan, 3, 0
Buenaventura, 1,766, 469
Santa Barbara, 150, 56
Veragua, 208, 104½
Tivives, 596, 339
Este, 100, 22
John Bakke, 234, 0
Cuba, 52, 31
Abana, 53, 89
Wyoming, 67, 145
Manizales, 31, 868
Ulua, 1,094, 399
Pastores, 145, 1,283
Durazzo, 1,157, 0
Rhakotis, 24, 24
Nansenville, 23, 0
Juan Sebastian Elcano, 259, 525¼
Istmo, 390, 359
Drechtdijk, 92, 0
Darian, 249, 0

BALBOA

Mayan, 0, 46
Chimu, 10, 78
Antigua, 321, 78
Curaca, 9, 0
Santa Elena, 159, 0
St. Mihiel, 358, 12
Santa Maria, 107, 0
Salvador, 1, 0
Santa Rosa, 52, 53
Santa Clara, 300, 141
Vega, 10, 0
Chiriqui, 392, 44
Pennsylvania, 10, 0
Santa Barbara, 0, 1
Cacique, 296, 0
Salvador, 0, 25
Republic, 601, 184
Tai Ping Yang, 240, 0
Henderson, 8, 51
Annie Johnson, 1,452, 0
Granville, 471, 0
Santa Rita, 0, 14
Virginia, 103, 0
President Hayes, 4, 0
Talamanca, 373, 23
Cumbal, 0, 73
Emergency Aid, 1,554, 14
Santa Paula, 236, 0
Cali, 0, 86
Acajutla, 2, 0
Santa Lucia, 130, 0
Grenland, 0, 6
Neches, 6,100, 0
Cathwood, 0, 536
Santa Maria, 189, 123
Santa Elena, 90, 106
Remuera, 22, 0
Iocoma, 126, 0
Antigua, 965, 17
Chimu, 22, 0
Santa Inez, 6, 0
Istmo, 0, 132
Goldmouth, 9,524, 0
Santa Barbara, 264, 91
John Bakke, 222, 0
Condor, 232, 0
Chiriqui, 567, 34
Vivi, 2,851, 0
Rhakotis, 117, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,162; embarking 1,847; at Balboa, 782 disembarking and 1,207 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,038, from the Pacific to the Atlantic, 4,135. Aircraft numbering 35 entered Cristobal, and 153 passengers disembarked; clearances were 35, with 133 passengers embarking; at Balboa entries of aircraft were 19, with 63 passengers; clearances, 19, with 35 passengers embarking.

Notices to Mariners

The following information is quoted from Notice to Mariners No. 9, dated February 26, 1936, Washington, D. C.:

Panama, west coast, Jicarita Island light, amended height and visibility.—Jicarita Island light is exhibited 335 feet above mean high water and is visible 14 miles. The light has a luminous power of 900 candles.

Approximate position: 7°12′00″ N., 81°47′30″ W.

The Panama Canal, Pacific approach, aids to navigation.—Spar buoys Nos. 7, 8, 11, 12, 15, and 16, Balboa approach, were discontinued effective February 26, 1936.

Gas buoys Nos. 7, 11, and 15, fixed white, and gas buoys Nos. 8, 12, and 16, fixed red, Balboa approach, were established in the place of the spars. These gas buoys are similar to all other gas buoys in the approach.

Movements of Ocean Vessels Through the Panama Canal

From midnight February 15, 1936, to midnight March 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Memphis [12]	15	...	Amer.	U. S. Navy	Norfolk, Va	Balboa, C. Z.	Ballast	.....
Manley [9]	16	...	Amer.	U. S. Navy	Norfolk, Va	Balboa, C. Z.	Ballast	.....
Fairfax [9]	16	...	Amer.	U. S. Navy	Norfolk, Va	Balboa, C. Z.	Ballast	.....
Chimu [2]	15	16	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,190
Curaca	14	16	Amer.	Grace Line	Baltimore, Md.	Talcahuano, Chile	General	2,118
Mayan	11	16	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	257
Platano	15	18	Pan.	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R.P.	Ballast	.....
Iowan	15	16	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,055
Marore	15	16	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Iddesleigh	16	16	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Anten	16	16	Swed.	Transatlantic S. S. Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Theodore Roosevelt. [2]	16	16	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	3,576
Columbus	17	18	Ger.	North German Lloyd	New York, N. Y.	New York, N. Y.	Psgrs. only	.....
La Plata Maru [2]	16	17	Jap.	Osaka Shosen Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	3,838
Istmo	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	200
Ruth	17	17	Swed.	Chile-N. Amer. Line	New York, N. Y.	Corral, Chile	General	685
Chattanooga City	17	17	Amer.	Isthmian S. S. Lines	Hopewell, Va	Seattle, Wash.	([16])	6,586
Leticia [3]	17	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	99
Cerigo	8	17	Ger.	Hamburg-Amer. Line	Cristobal, C. Z.	Guayaquil, Ecua.	General	641
St. Mihiel [8]	17	18	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	General	386
King Stephen [2]	17	18	Brit.	Canadian Transp. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Lochmonar [2]	17	18	Brit.	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	3,266
Comet [2]	17	18	Amer.	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	.....
Inapaquina [3]	18	18	Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
El Oso [2]	18	18	Brit.	C. T. Bowring & Co.	Cobh, I. F. S.	La Libertad, Ecu.	Ballast	.....
Kwansai Maru [2]	18	18	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Moji, Japan	General	6,019
Strassa [2]	18	18	Swed.	Chile Nit. Sales Corp.	Tampa, Fla	Tocopilla, Chile	Ballast	.....
Buenos Aires [2]	18	18	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	3,033
Mauna Ala	18	19	Amer.	Matson Isthmian Line	Baltimore, Md.	Hilo, T. H.	([17])	2,436
Elfi	18	19	Nor.	Hans Elliot	Manaure, Col.	B'ventura, Col.	Salt, etc.	999
Mary Ann [13]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tosca [2]	18	19	Nor.	Knut Knutsen O.A.S.	Kristiansand, Nor	Vancouver, B. C.	Ballast	.....
Siamese Prince [2]	19	19	Brit.	Prince Line, Ltd.	New York, N. Y.	Yokohama, Japan	([18])	6,257
Jacob Luckenbach	19	19	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	6,396
President de Vogue. [1] [2]	19	19	Nor.	Com. des Prod. Chimiques et Raff. de Berre	Berre, France	Talara, Peru	Ballast	.....
Romsdalshorn	19	19	Nor.	Chile Nit. Sales Corp.	Wilmington, N.C.	Tocopilla, Chile	Ballast	.....
Pacific Reliance [2]	19	19	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	792
Forbes Hauptman	19	20	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	5,113
Sambu [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Lincoln	20	21	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	Gen., paper	4,629
Atlas Maru	19	20	Jap.	Osaka Shosen Kaisha	Boca Grande, Fla	Yokohama, Japan	Rock, phos.	7,585
Steel Worker	19	20	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Kahului, T. H.	General	5,138
Mexican	19	20	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Tacoma, Wash.	General	2,469
Talaralite [1]	19	20	Brit.	Tropical Oil Co.	Halifax, N. S.	B'ventura, Col.	Pet. products	2,185
Kiyosumi Maru [2]	20	20	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Gen., cotton.	5,366
Ardor [1] [2]	20	20	Ital.	Standard Oil Co.	Caripito, Venez.	Tocopilla, Chile	Fuel oil	12,329
Magnolia [1]	20	20	Amer.	Socony Vacuum Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Chester Sun [1] [2]	20	20	Amer.	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast	.....
Nyanza	20	20	Brit.	Maclay & McIntyre	Flushing, Neth.	Vancouver, B. C.	Ballast	.....
San Gabriel	19	20	Amer.	Pac.-Atlantic Corp.	New York, N. Y.	Tacoma, Wash.	General	2,730
Whiffle Fish [14]	...	...	Amer.	P. E. Gabel	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Enoch [3]	20	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [15]	.....	.....
Hoegh Merchant [2]	20	21	Nor.	K. Line	New York, N. Y.	Moji, Japan	([19])	7,198
J. L. Luckenbach	21	21	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	4,036
Yearby	21	21	Brit.	Sir R. Ropner & Co.	Norfolk, Va	Vancouver, B. C.	Ballast	.....
Santa Clara	20	22	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	2,238
Samuel Bakke [2]	21	21	Nor.	Scand. S. Pacific Line	Antwerp, Belgium	Corral, Chile	General	4,002
Santa Rosa	21	22	Amer.	Panama Mail S. S. Co.	New York, N.Y.	S. Francisco, Cal.	Gen., coffee	2,812
Havelland [2]	21	22	Ger.	Hamburg-Amer. Line	Gulf ports	Shanghai, China	General	7,833
Miss Ann [14]	21	...	Amer.	H. E. Kent	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
La Cucuracha [14]	21	...	Amer.	C. S. Anget	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Worry Wart [14]	21	...	Amer.	H. R. Evans	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Judy [14]	21	...	Amer.	E. F. Rigby	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Hi Wini [14]	21	...	Amer.	R. Wirtz	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Chiwiwi III [14]	21	...	Amer.	C. W. Wirtz	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Sunray [14]	21	...	Amer.	J. W. Coffin, 3d	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Orbita	21	22	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	.....
Olympia Maru [2]	21	22	Jap.	Mitsubishi Shoji K.	Port Tampa, Fla	Seikoshin, Korea	Phos. rock	8,330
Colorado Springs	21	22	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Manila, P. I.	Gen., cotton	7,011
Bradglen	21	22	Brit.	Leeds Shipping Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Oakmar	21	22	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,206
Austvard [2]	22	22	Nor.	Anglo-Can. Ship. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Wind Rush	22	22	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	4,025

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [12] Cruiser. [13] Craneboat. [14] Sailboat. [15] For bananas and return to Cristobal. [16] Nitrates, general. [17] Phosphate, general. [18] Scrap iron, general. [19] Fertilizer and rags.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Arizona	21	22	Fr.	French Line	Havre, France	Valparaiso, Chile	Iron, gen	923
Niel Maersk [2]	22	22	Dan.	Isbrandtsen Moller	Boston, Mass.	Cebu, P. I.	General	6,480
Sutherland	22	22	Amer.	Nelson Line	New York, N. Y.	Seattle, Wash.	General	3,119
Capt. Taylor [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Q. M. C. No. 1 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Rangitata [2]	23	23	Brit.	N. Z. Shipping Co	London, England	Auckland, N. Z.	General	5,452
Hororata	22	23	Brit.	N. Z. Shipping Co	Liverpool, Eng.	New Zealand	General	
Trois Ilets	15	23	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	240
Kentuckian	23	23	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,618
Istmo	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	125
Embassage	23	23	Brit.	Anglo-Can. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Turrialba	23	24	Amer.	United Fruit Co.	New York, N. Y.	Pto.Arm'les, R.P.	Ballast	
Thira [2]	22		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto.Arm'les, R.P.	General	20
Real [2]	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto.Arm'les, R.P.	General	60
Sona [2]	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto.Arm'les, R.P.	General	40
Thurland Castle [2]	23	24	Brit.	Barber Line	New York, N. Y.	Shanghai, China	General	1,395
San Antonio	23	24	Fr.	French Line	Havre, France	Vancouver, B. C.	([13])	5,112
Teal [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Robert Luckenbach.	24	24	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	1,588
Santa Elisa	24	25	Amer.	Alaska S. S. Co.	New York, N. Y.	Seattle, Wash.	Ballast	
Frangoula B. Goulandris.	24	24	Greek	Anglo-Can. S. S. Co.	Cardiff, England	Vancouver, B. C.	Ballast	
Durazzo	15	24	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Euca.	General	989
Evina [1] [2]	22	24	Nor.	H. E. Hansen	Falmouth, Eng.	Los Angeles, Cal	Ballast	
Corrientes	25	25	Brit.	Donaldson Line	Glasgow, Scot.	N.Westm'er, B.C.	General	470
Salvador	19	25	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	533
Steelore	25	25	Amer.	Ore S. S. Corp	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Port Hunter	25	25	Brit.	Port Line	Glasgow, Scot.	New Zealand	Ballast	
Fella [2]	24	25	Ital.	Nav. Libera Triestina.	Trieste, Italy	Vancouver, B. C.	General	2,490
City of Winchester	25	25	Brit.	Amer.-Australian Line	Philadelphia, Pa	Adelaide, Aust'lia	General	5,088
Palatia [2]	25	26	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	([14])	2,582
Washington Express. [2]	25	26	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	
Elg [2]	25	26	Nor.	Richard Nathan	Habana, Cuba	Kobe, Japan	Scrap iron	3,523
Hardanger	26	26	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	Gen., coffee	3,095
Point Palmas	26	26	Amer.	Swayne & Hoyt	New Orleans, La.	Tacoma, Wash.	General	3,911
Alaskan	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,765
Pacific Commerce [2]	26	26	Brit.	Canadian Transp. Co.	Sydney, N. S.	Vancouver, B. C.	General	3,324
Erviken	26	26	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Iquique, Chile	Ballast	
Sambu [2]	25		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Annie Johnson [2]	26	28	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,251
West Notus	26	27	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Seattle, Wash.	General	3,695
Lancaster	27	27	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	([16])	2,418
Wisconsin	27	27	Amer.	McCormick S. S. Co.	New York, N. Y.	Portland, Oreg.	General	3,147
Roda [2]	27	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	7,191
Tilsington Court	27	27	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Enoch [3]	27		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [15]		
President Hayes	28	28	Amer.	Dollar Line	Bombay, India	Round the world	Gen., liquor	2,615
Amastra [1] [2]	27	28	Brit.	Anglo-Saxon Pet. Co.	London, England	Los Angeles, Cal.	Ballast	
Canadian Reefer [2]	27	28	Dan.	J. Lauritzen	Copenhagen, Den.	Seattle, Wash.	Ballast	
Nordbo [2]	27	28	Dan.	Anglo-Can. S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Chilore	28	28	Amer.	Ore S. S. Corp	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Virginia	28	29	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,891
City of Singapore	28	28	Brit.	Ellerman-Hall Line	New York, N. Y.	Dairen, China	General	1,530
Santa Rita [2]	28	28	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	1,794
Granville [2]	28	29	Pan.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	Paper, gen	7,414
Mobile City	29	29	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Steel, gen	3,161
Parracombe	29	29	Brit.	States Marine Corp.	Baltimore, Md.	Japan	Scrap steel	7,500
Middlesex	29	29	Brit.	Fed. Steam Nav. Co.	Newport, Eng.	Bluff, N. Z.	General	9,990
Vancouver	29	29	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	Ballast	
Eleanor Christenson.	29	29	Amer.	Sudden & Christenson	New York, N. Y.	Seattle, Wash.	Gen., lub. oil.	6,461
Chetopa	29	29	Amer.	Stanfor Chemical Co.	Freeport, Tex.	S. Francisco, Cal.	Sulphur	4,350
Hartlebury	29	29	Brit.	Canadian Transp. Co	Newcastle, Eng.	Col. River, B. C.	Ballast	
Tercero [2]	29	29	Nor.	Wessel, Duval & Co.	New York, N. Y.	Valparaiso, Chile.	General	1,555
Hawaiian	29	29	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	2,774
Horace Luckenbach.	29	29	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	General	4,074
Canadian Scottish	29	29	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Melbo'rne, Aus'lia	General	4,036
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Cumbal [2]	29	1	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,018
Point Estero	29	1	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	5,406
California	29	1	Amer.	States S. S. Co.	New York, N. Y.	Tacoma, Wash.	([17])	3,483
Luossa [2]	29	1	Swed.	Chile Nit. Sales Corp.	Mobile, Ala.	Chile	Ballast	
Nevada [1]	29	1	Amer.	The Texas Co.	Claymont, Del.	Los Angeles, Cal.	Ballast	
Flomar	1	1	Amer.	Calmar Line	Philadelphia, Pa.	Seattle, Wash.	Steel, gen	7,340

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Coke, iron, general. [14] Cement, iron, general. [15] For bananas and return to Cristobal. [16] Steel, automobiles, general. [17] Automobiles, oil, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Trimountain [1]	1	2	Amer.	Shell Oil Co	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Teal [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Ward [2]	1	2	Amer.	Roosevelt S. S. Co	Baltimore, Md.	Shanghai, China	General	4,274
Istmo	29	2	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	225
W. S. Miller [1]	1	2	Amer.	Standard Oil Co.	Tampico, Mex	Guaymas, Mexico	([13])	6,970
Oakworth [2]	2	2	Brit.	Anglo-Can. S. S. Co.	Manchester, Eng.	Vancouver, B. C.	Ballast	
Cali	29	2	Ger	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	354
Pacific Exporter [2]	2	2	Brit.	Furness, Withy & Co.	Glasgow, Scot	Vancouver, B. C.	General	778
K. I. Luckenbach	2	2	Amer.	Luckenbach Line	New York, N. Y.	S. Francisco, Cal.	General	1,343
Barneveld	1	2	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger	Corral, Chile	General	4,431
Willhilo	2	3	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,946
Ousebridge	3	3	Brit.	Crosby, Son & Co.	Tyne, England	Vancouver, B. C.	Ballast	
Leticia [3]	29	3	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	32
Svealand [2]	3	3	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Orion [1] [2]	3	3	Nor	Kawasaki K.K.Kaisha	Lisbon, Portugal	San Luis, Calif.	Ballast	
Deebank	3	4	Brit.	C. Czarnikow	San Pedro de Macoris, Dom. Rep.	Auckland, N. Z.	Sugar	7,980
Heina [2]	3	3	Nor	J. L. Mowinckels, Red.	Cardiff, England	Los Angeles, Cal.	Ballast	
Stirling [2]	3	4	Brit.	Sutherland & Co	Antwerp, Belg	Vancouver, B. C.	Ballast	
Dinteldijk [2]	3	4	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,840
Brattdal [2]	3	4	Nor	W. Australia Farmers.	Galveston, Tex	Yarraville, Au'lia	Sulphur	8,050
Minnesotan	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,916
Tolten [2]	4	4	Brit.	Lowden Connell & Co.	Falmouth, Eng	Vancouver, B. C.	Ballast	
Jeff Davis [2]	4	4	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	General	5,399
Tacoma	4	4	Ger	Hamburg-Amer. Line.	Hamburg, Ger	Vancouver, B. C.	General	6,782
Sambu [2]	3		Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Selandia [2]	5	5	Dan	East Asiatic Co	Nakskov, Den.	Los Angeles, Cal.	Ballast	
Mathew Luckenbach.	5	5	Amer.	Luckenbach Line	Houston, Tex	Seattle, Wash.	Pipe, gen.	8,959
Nankai Maru [2]	5	5	Jap	Osaka Shosen Kaisha	New York, N. Y.	Dairen, China	Gen., autos	5,912
Grenland	4	5	Nor	Grace Line	Sanchez, Dom. R.	Champ'ico, Guat.	General	677
Goolistan	5	5	Brit.	Hindustan S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Norne [2]	5	5	Nor	Gulfstate S. S. Co	Houston, Tex.	Kobe, Japan	Scrap, cotton	6,291
Durham [2]	5	6	Brit.	N. Z. Shipping Co	London, England.	N. Plym'th, N. Z.	General	9,513
Anglo Peruvian	5	5	Brit.	Empire Shipping Co.	Tyne, England	Vancouver, B. C.	Ballast	
Iris	5	5	Neth.	Royal Neth. S. S. Co.	Cartagena, Col.	Guayaquil, Ecua.	General	264
Cathwood [1]	5	6	Amer.	Union Oil Co	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Steel Inventor	5	6	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Vancouver, B. C.	Steel, gen	7,315
Lieut. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [3]	5		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Quarrington Court	6	6	Brit.	Canadian Transp. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Breda	6	6	Neth.	Royal Neth. S. S. Co.	Amsterdam, Neth.	Arica, Chile	Ballast	
Santa Maria [2]	5	7	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,303
Lillian Luckenbach.	6	6	Amer.	Luckenbach Line	Providence, R. I.	Tacoma, Wash.	General	3,426
Lahn	5	6	Ger	North German Lloyd	Hamburg, Ger	Valparaiso, Chile.	General	5,946
Santa Elena	6	7	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal	Coffee, gen.	2,889
Eir	6	6	Nor	States Marine Corp.	Norfolk, Va	Los Angeles, Cal.	Ballast	
Yahiko Maru [2]	6	6	Jap	Mitsui & Co	New York, N. Y.	Kobe, Japan	([15])	7,442
Point Lobos	6	7	Amer.	Gulf-Pacific Line	Beaumont, Tex	Seattle, Wash.	([16])	5,910
Geddington Court	7	7	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Neches [1]	6		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sonnavind [2]	7	7	Nor	Kawasaki K. Kaisha	Baltimore, Md.	Yokohama, Japan	([17])	7,000
Noshiro Maru [2]	7	7	Jap	Nippon Yusen Kaisha.	Boston, Mass.	Kobe, Japan	Oil, tinplate	5,559
India [2]	7	7	Dan	East Asiatic Co	Copenhagen, Den.	Perida, Guat	Ballast	
Ermland [2]	7	7	Ger	Hamburg-Amer. Line.	Hamburg, Ger	Moji, Japan	Gen., phos	7,301
Ashburton [2]	7	8	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Sydney, Aust'lia.	General	3,476
Montanan	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,441
Tynebank	7	7	Brit.	Andrew Weir & Co	Galveston, Tex	Newc'tle, Aus'lia.	([18])	7,100
Silverelm [2]	7	7	Brit.	Kerr S. S. Co	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Petter [1] [2]	7	8	Nor	Raffineries de Berre	Marseilles, Fr.	Talara, Peru	Ballast	
Bronxville [2]	7	8	Nor	Isbrandtsen Moller Co.	Baltimore, Md.	Manila, P. I.	General	6,833
Senator [1] [2]	7	8	Nor	Stevanga Tank Red'ie	Baton Rouge, La.	Talara, Peru	Gasoline	435
Athellaird [1] [2]	7	8	Brit.	Socony Vac. Oil Co	Aruba, D. W. I.	Shanghai, China	Diesel oil	12,768
Sidney M. Hauptman.	8	8	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	6,094
Acajutla	4	8	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	293
Tongariro	8	8	Brit.	N. Z. Shipping Co	Swansea, Eng.	Dunedin, N. Z.	General	5,663
Herman F. Whiton	8	8	Amer.	Texas Gulf Sulphur Co.	Galveston, Tex.	Everett, Wash	Sulphur	7,019
Baron Ruthven	8	8	Brit.	Anglo-Brit. Guano Co.	St. Lucia, B. W. I.	Iquique, Chile	Ballast	
Lagarto [2]	7	9	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile.	General	3,794
Willemsplein	8	8	Neth.	Millingen	Rotterdam, Neth	Los Angeles, Cal.	Ballast	
Dalcross	8	8	Brit.	Canadian Transp. Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	
Enoch [3]	8		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Tuira [2]	7		Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	7		Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [10] Mine sweeper. [13] Gasoline and kerosene. [14] For bananas and return to Cristobal. [15] Nitrates, scrap rails, general. [16] Steel, lumber, etc. [17] Sulphate of ammonia. [18] Sulphur and oil products.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Real [2]	7	...	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Teal [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Villanger [2]	8	9	Nor	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Flax	20
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-10 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-11 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-12 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Australind	9	9	Brit.	Australian-Amer. Line.	Philadelphia, Pa.	Brisbane, Aus'lia.	General	4,048
Anniston City	9	9	Amer.	Isthmian S. S. Lines	New York, N. Y.	Vancouver, B. C.	Steel, gen.	7,329
Point Clear	9	9	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	(13)	5,795
Cerigo	7	9	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua	General	866
Istmo	8	10	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	270
Nichiyo Maru [2]	9	9	Jap.	Mitsui Bussan Kaisha.	Tampa, Fla.	Yokohama, Japan	General	8,778
San Clemente	9	9	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	3,979
Kirriemoor [2]	9	9	Brit.	Runciman Ship. Co.	Falmouth, Eng.	San Marcos, Mex.	Ballast	
Launch	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tainui	9	10	Brit.	Shaw, Savill & Albion.	London, England.	Auckland, N. Z.	General	5,014
Zurichmoor	9	10	Brit.	Canadian Transp. Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	
Nuevo Panama [2]	9	10	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	200
Occidental [1]	9	10	Amer.	The Texas Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	Gasoline	8,672
Minerva [2]	9	10	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	
President Herrenschmidt. [1] [2]	9	10	Nor.	Pechelbronn	Donges, France.	Talara, Peru.	Ballast	
Invella	9	10	Brit.	Maclay & McIntyre.	Cardiff, England.	Vancouver, B. C.	Ballast	
Helen Whittier	9	10	Amer.	Matson S. S. Co.	Baltimore, Md.	Hawaiian Islands	(14)	1,660
Portmar	9	10	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Steel, gen.	6,287
Leticia [3]	7	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Orazio [2]	8	12	Ital.	Societa Italia	Genoa, Italy.	Valparaiso, Chile.	General	920
Moldanger [2]	10	10	Nor.	Interocean S. S. Lines.	Rotterdam, Neth.	Los Angeles, Cal.	Vegetable oils	42
Canadian Challenger.	9	10	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Wellington, N. Z.	General	3,853
Azumasan Maru [2]	10	11	Jap.	Mitsui & Co.	New York, N. Y.	Moji, Japan	Iron, rosin	4,295
Hoegh Carrier [2]	11	11	Nor.	K. Line	Baltimore, Md.	Moji, Japan	(15)	7,246
Franz Klasen [1] [2]	11	11	Pan.	W. Tankschiff Rhed'i	Nyborg, Den.	Talara, Peru.	Ballast	
Rugeley [2]	11	11	Brit.	Dant & Russell	Sunderland, Eng.	Coos Bay, B. C.	Ballast	
King Edgar [2]	11	11	Brit.	Brit. Colom. Ship. Ag.	Cardiff, England	Vancouver, B. C.	Ballast	
San Ambrosio [1] [2]	11	11	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico	Ant'fagasta, Chile	Fuel oil	10,525
Edwin Christenson.	11	11	Amer.	Sudden & Christenson	Savannah, Ga.	Seattle, Wash.	General	4,849
Kirishima Maru [2]	11	11	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Yokohama, Japan	(16)	6,114
Sambu [2]	10	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nebraskan	11	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,386
Massmar	12	12	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	4,035
Queen City	12	12	Brit.	States Marine Corp.	Pt. Arthur, Tex.	Yokohama, Japan	Scrap iron	7,840
Goldmouth [1] [2]	12	15	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	S. Francisco, Cal	Fuel oil	10,266
Belfast Maru	12	12	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	(17)	7,492
Helenus	12	12	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Yokohama, Japan	(18)	5,753
William Luckenbach.	12	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,200
Cape of Good Hope. [2]	12	13	Brit.	Lyle Shipping Co	Tampico, Mexico.	Auckland, N. Z.	Asphalt	6,030
Pennsylvania	13	14	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal	General	3,150
President Wilson	13	13	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	Autos., gen.	4,368
Fernmoor [2]	12	13	Nor.	Mitsubishi Soko K.	Pt. Tampa, Fla.	Seikoshin, Korea.	Phosphates	7,103
Falsterbo [2]	13	13	Swed.	W. M. Comyn, Ltd.	Pto. Colombia	Los Angeles, Cal.	Ballast	
Haxby	13	13	Brit.	Montreal Shipping Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Hoperange [2]	13	13	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	
Tai Shan [2]	12	13	Pan.	W. Wilhelmsen	New York, N. Y.	Moji, Japan	Scrap steel	8,442
Lossiebank [2]	13	13	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	3,100
Santa Barbara [2]	13	14	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,997
Alabama	12	13	Fr.	French Line	Havre, France.	Talcahuano, Chile	Autos., steel.	1,651
Sinnington Court	13	13	Brit.	Canadian Transp. Co.	Tyne, England.	Vancouver, B. C.	Ballast	
Este	13	14	Ger.	North German Lloyd.	Antwerp, Belg.	Vancouver, B. C.	General	6,017
Buenos Aires Maru. [2]	13	14	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	(19)	3,377
John Bakke [2]	13	14	Nor.	Den.-Sk.-Syd.-Pacific.	Goth'burg, Swed	Talcahuano, Chile	General	3,588
Ruperra	13	14	Brit.	British S. S. Co	Wilmington, N.C.	Vancouver, B. C.	Ballast	
Lake Oswega [2]	14	14	Amer.	Ford Motor Co.	Chester, Pa.	S. Francisco, Cal	Auto. parts	2,471
Salvus	13	14	Brit.	Mersey Paper Co.	Liverpool, Eng.	Auckland, N. Z.	Newsprint	4,800
Aquarius	13	14	Amer.	Lykes Bros.-Ripley.	Tampa, Fla.	Manila, P. I.	Gen., cotton.	6,415
Wildwood	14	14	Amer.	Shepard S. S. Co.	New York, N. Y.	Portland, Oreg.	General	5,183
Abana	14	14	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,495
Ciport [6]	2	...	Pan.	Goodyear Tire Co.	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Taihei Maru [2]	15	15	Jap.	Mitsui Bussan Kaisha.	New York, N. Y.	Moji, Japan	(20)	7,079
Nordhval [2]	15	15	Dan.	Chile Nit. Sales Corp.	Pensacola, Fla.	Tocopilla, Chile.	Ballast	
Amerikaland [2]	15	15	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [7] Submarine. [10] Mine sweeper. [13] Iron, steel, general. [14] Automobiles, steel, general. [15] Muriate potash and sulphate ammonia. [16] Cotton, lead, etc. [17] Fertilizer, cotton, [18] Scrap metal, general. [19] Coffee, cotton, etc. [20] Scrap rails, sugar.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Chas. R. McCormick.	15	15	Amer..	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash..	General.....	4,629
Vernon City.....	15	15	Brit...	Reardon-Smith Line..	Philadelphia, Pa	Vancouver, B. C.	Ballast.....	.....
Wyoming.....	14	15	Fr....	French Line.....	Dunkerque, Fr..	Vancouver, B. C.	([10])	5,963
Rhakotis [2].....	15	16	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Corral, Chile....	General.....	6,280
Suriname.....	15	16	Amer..	United Fruit Co.....	Mobile, Ala.....	Pto.Arm'les, R.P.	Ballast.....	.....
Georgian.....	15	15	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	2,950
Nansenville [2].....	15	15	Nor...	Fred Olsen Line.....	Oslo, Norway....	Vancouver, B. C.	General.....	7,482
Pacific President [2].	15	16	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B. C.	General.....	1,534
Clydefield [1] [2]...	15	16	Brit...	E. A. Gibson & Co....	Middlesbr'h,Eng.	Vancouver, B. C.	Creosote....	9,847
Enoch [3].....	14	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Gatun, C. Z. [14]..	.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sutherland.....	15	16	Brit...	Anglo-Can. S. S. Co...	Pt. Alberni, B. C.	Hull, England...	General.....	8,830
Stella.....	15	16	Dan...	Wessel, Duval & Co..	Valparaiso, Chile.	Boston, Mass....	([17])	2,235
Istmo.....	16	17	Pan...	Elliot Ship.& Land Co.	B'ventura, Col...	Cristobal, C. Z...	Coffee.....	609
West Cape.....	16	16	Amer..	McCormick S. S. Co..	Seattle, Wash...	Philadelphia, Pa.	General.....	8,442
Baarn.....	16	17	Neth..	Royal Neth. S. S. Co..	Talcahuano,Chile	Hamburg, Ger...	General.....	8,218
Calmar.....	15	16	Amer..	Calmar S. S. Corp....	Seattle, Wash....	Baltimore, Md...	([18])	6,600
Alhena.....	16	16	Neth..	Empire Shipping Co..	Vancouver, B. C.	London, England	Grain.....	7,731
Kongo Maru [2]....	16	17	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	New York, N. Y.	General.....	8,400
Arizonan.....	17	17	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	Gen., lumber	7,970
Makiki.....	17	17	Amer..	Matson S. S. Co.....	Honolulu, T. H..	Baltimore, Md...	([19])	7,905
San Lucas.....	17	17	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	General.....	8,546
Maridal [1] [2].....	17	17	Nor...	Stand. Oil Co., Calif.	Los Angeles, Cal.	Rio de Janeiro...	Gasoline....	9,448
Cabarita.....	17	17	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [5].....	Nitrates....	6,300
Antofagasta.....	17	18	Chile..	Chilean Line.....	Mollendo, Peru..	New York, N. Y.	General.....	4,820
Vernon City.....	17	17	Brit...	Reardon Smith Line..	Philippine Islands	East coast, U.S...	Sugar.....	8,000
Santa Elena.....	17	18	Amer..	Grace Line.....	S. Francisco, Cal.	New York, N. Y.	Coffee, gen..	3,018
Hoperange [2].....	17	18	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Norfolk, Va.....	Nitrates....	8,900
Skeena [9].....	10	18	Brit...	Canadian Government	Acapulco, Mexico	Kingston, Jam...	.....	1,565
Vancouver [9].....	10	18	Brit...	Canadian Government	Acapulco, Mexico	Kingston, Jam...	.....	905
Pukkastan.....	18	18	Brit...	Empire Shipping Co..	Vancouver, B. C.	Hull, England...	Wheat.....	9,920
Sambu [2].....	18	19	Pan...	Elliot Ship.& Land Co.	Darien, R. P.....	Cristobal, C. Z...	Bananas....	18
Point Caleta.....	18	18	Amer..	Swayne & Hoyt.....	Seattle, Wash...	Mobile, Ala.....	Lumber, gen.	6,250
Ruperra.....	18	18	Brit...	Chile Nit. Sales Corp.	Ant'fagasta,Chile	Wilmington,N.C.	Nit. of soda.	7,900
Pacific Pioneer [2]..	18	18	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	Gen., fruit...	8,976
Port Adelaide....	18	19	Brit...	Com'lth & Dom. Line.	Melbourne,Au'lia	London, England	General.....	6,380
President Cleveland.	19	19	Amer..	Dollar Line.....	Manila, P. I.....	New York, N. Y.	General.....	5,605
Themisto.....	18	19	Neth..	Empire Shipping Co..	Vancouver, B. C.	London, England	Grain.....	7,905
Winkleigh.....	18	19	Brit...	Montreal Ship. Co....	Vancouver, B. C.	Port Royal [15]..	Wheat.....	8,792
Taranger [2].....	18	19	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General.....	6,888
Osnabruck [2].....	18	20	Ger...	North German Lloyd.	Corral, Chile....	Bremen, Ger....	General.....	6,041
Elbe [2].....	19	20	Ger...	Norddeutscher Lloyd.	Vancouver, B. C.	Bremen, Ger....	General.....	7,170
Santa Maria [2]....	19	20	Amer..	Grace Line.....	San Antonio,Chile	New York, N. Y.	General.....	2,765
Algorab.....	18	19	Neth..	Joseph Pyke & Son...	Vancouver, B. C.	Cobh, I. F. S. [15].	Wheat.....	7,947
Salvador.....	19	25	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z...	General.....	701
Barfonn [1] [2].....	19	20	Nor...	Standard Ship. Co....	Cabo Bl'co, Peru.	Halifax, N. S....	Crude oil...	13,950
Orari [2].....	19	19	Brit...	N. Z. Shipping Co....	Sydney, Aus'lia..	Glasgow, Scot...	Frozen, gen.	6,715
Lapwing [4].....	19	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Mary Ann [13].....	19	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Cyclone [5].....	19	...	Amer..	L. B. Carr.....	Balboa, C. Z.....	Cristobal, C. Z...	Ballast.....	.....
Trontolite [1] [2]....	20	20	Brit...	Imperial Oil Co.....	Talara, Peru.....	Halifax, N. S....	Gasoline....	7,192
Friesland [2].....	19	20	Ger...	East Asiatic Co.....	K. Sichang, Siam.	Habana, Cuba...	Rice.....	3,206
Minerva [2].....	19	20	Nor...	Chile Nit. Sales Corp..	Iquique, Chile...	Charleston, S. C.	Nit. of soda..	9,300
Aino [1] [2].....	19	20	Nor...	Belgo Petroleum Co..	Talara, Peru.....	Terndock, Belg..	Crude oil...	8,965
Hokuroku Maru [2].	19	20	Jap...	Osaka Shosen Kaisha.	Shanghai, China.	Baltimore, Md...	General.....	4,979
Teal [4].....	20	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Susan V. Luckenbach.	20	20	Amer..	Luckenbach Line.....	Seattle, Wash....	Boston, Mass....	General.....	7,413
Sacramento Valley	20	20	Brit...	I. Modiano Bros.....	Dairen, China...	Dunkerque, Fr..	Soy beans...	8,000
Californian [2].....	20	20	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	Boston, Mass....	General.....	9,812
Phaeax.....	20	20	Greek.	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	Liverpool, Eng...	Lumber, gen.	9,394
Fulda [2].....	20	21	Ger...	North German Lloyd.	Corral, Chile....	Bremen, Ger....	General.....	8,872
Esperanza.....	12	20	Nor...	Anders-Jahre.....	Los Angeles, Cal.	Cartagena, Col...	Ballast.....	.....
Wales Maru.....	20	21	Jap...	Kawasaki S. S. Co....	Yokohama,Japan	Philadelphia, Pa.	General.....	6,694
Nordpol [2].....	20	21	Den...	Canadian Transp. Co.	Vancouver, B. C.	Leith, Scotland..	General.....	7,530
S-11 [7].....	21	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
S-13 [7].....	21	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
S-10 [7].....	21	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
S-12 [7].....	21	...	Amer..	U. S. Navy.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Timber Rush....	21	21	Amer..	Shepard S. S. Co.....	Seattle, Wash....	Albany, N. Y....	Lumber, gen.	6,804
Platano.....	21	21	Pan...	United Fruit Co.....	Pto.Arm'les, R.P.	New York, N. Y.	Bananas....	1,450

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [13] Craneboat. [14] For bananas and return to Cristobal. [15] For orders. [16] Chalk, sand, coke, etc. [17] Nitrates and produce. [18] Copper, lumber. [19] Sugar, canned pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Mallard [4]	21	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	...	...
Modavia	21	22	Brit.	Donaldson Bros	Vancouver, B. C.	Glasgow, Scot.	([14])	6,170
Portland [2]	22	22	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,421
Madrono [1]	21	22	Nor.	Standard Oil Co., N. J.	Talara, Peru	Halifax, N. S.	Crude oil	8,321
Pennmar	22	22	Amer.	Calmar S. S. Corp	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,239
Tuira [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	63
Real [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sambu [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	12
Sona [2]	22	23	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Bananas	33
Naruto Maru [2]	22	22	Jap.	Nippon Yusen Kaisha.	Kongkong, China	Baltimore, Md.	General	5,512
Trondanger [2]	22	22	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	8,065
Manizales	22	6	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	584
Istmo	22	23	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	349
Inapaquina [2]	22	23	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([15])	24
Amerikaland [2]	22	23	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile.	Baltimore, Md.	Iron ore	21,700
Trecarrel	23	23	Brit.	Hain S. S. Co., Ltd	Vancouver, B. C.	London, England	Wheat	7,539
Peter Kerr	23	23	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,817
Silverbelle [2]	23	23	Brit.	S. & J. Thompson	S. Francisco, Cal.	Calcutta, India	General	7,033
Temple Bar	23	23	Brit.	Temple S. S. Co	Taltal, Chile	Azores [13]	Nitrates	7,800
Walter A. Luckenbach.	23	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,794
Fordefjord [2]	23	23	Nor.	Chile Nit. Sales Corp	Tocopilla, Chile.	Pensacola, Fla.	Nit. of soda	7,880
San Marcos	23	23	Amer.	Quaker Line	Portland, Oreg.	Phildelphia, Pa.	Lumber, gen.	8,011
Yomachichi [2]	23	24	Amer.	Roosevelt S. S. Co.	Brisbane, Aus'lia.	Baltimore, Md.	General	7,205
Panaman	24	24	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,594
Lieut. Col. H. C. Schumm. [4]	24	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	...	...
Dorothy Luckenbach.	24	24	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala	General	9,081
Herman Frasch	24	24	Amer.	Dutton Lumber Corp.	Olympia, Wash.	New York, N. Y.	Lumber	5,400
Lasbeck	24	25	Ger.	North German Lloyd.	Pt. Angel, Mexico	Bremen, Ger.	General	2,393
Jane Christenson	24	24	Amer.	Sudden & Christenson	S. Bend, Wash.	Baltimore, Md.	Lumber	7,568
Pennsylvania	24	25	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,906
Virgilio [2]	25	25	Ital.	Soc. Italia	Valparaiso, Chile.	Genoa, Italy	General	3,578
Sambu [2]	25	26	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	25
Vega	22	27	Amer.	U. S. Navy	Bremerton, Wash.	Norfolk, Va	Navy stores	1,591
Poseidon	24	26	Ger.	F. Laesz, G. M. B. H.	Paita, Peru	Liverpool, Eng.	General	8,942
Acavus [1] [2]	24	25	Brit.	Shell Oil Co	Los Angeles, Cal.	Lands End [13]	Gasoline	11,360
Santa Barbara [2]	25	25	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,131
Port Huon [2]	25	25	Brit.	Com'lth & Dom. Line.	Lyttleton, N. Z.	London, England	General	6,595
Dilworth [1]	25	25	Amer.	Shell Oil Co	Los Angeles, Cal.	Fall River, Mass.	Kerosene	10,141
Sekstant	25	27	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	787
Cacique	25	26	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,255
California State	15	26	Amer.	State of California	Los Angeles, Cal.	Cartagena, Col.	Ballast	...
Oregon Express [2]	25	26	Nor.	Sigurd Herlofson & Co.	Los Angeles, Cal.	Glasgow, Scot.	Fresh fruit	1,311
Teal [4]	26	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	...	...
Tai Ping Yang [2]	26	27	Pan.	Barber-Wilhelmsen	Manila, P. I.	New York, N. Y.	General	5,059
Republic [8]	25	28	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores	652
President de Vogue. [1] [2]	26	27	Nor.	Cia. des Produits Chim.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,624
Mauna Kea	27	27	Amer.	Matson S. S. Co	Hilo, T. H.	New York, N. Y.	([16])	8,275
Point Ancha	27	27	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	4,871
Turrialba	27	27	Amer.	United Fruit Co	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,460
Absaroka	27	27	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,208
Heffron	27	28	Amer.	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,233
Tulsagas [1]	27	28	Amer.	Shell Terminal Corp.	Los Angeles, Cal.	Sewaren, N. J.	Kerosene	9,821
Aldebaran	27	28	Neth.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Hull, England	Wheat, oats.	11,202
Vojvoda Putnik	28	28	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Eg'pt	Nit. of soda	8,900
El Oso [1]	28	28	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Crude oil	9,879
Alaska	28	29	Fr.	French Line	Valparaiso, Chile.	Havre, France	General	8,362
Hadleigh	28	28	Brit.	Atl. Ship. & Trad. Co.	Vancouver, B. C.	S'ampton, Eng.	([17])	9,350
Nordhval [2]	28	28	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nitrates	8,250
Kafiristan	28	28	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	Wheat	8,120
San Bernardino	28	28	Amer.	Quaker Line	Seattle, Wash.	Albany, N. Y.	Gen., lumber	6,494
Henderson [8]	27	2	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va	Navy stores	162
Heinrich V. Riedemann. [1] [2]	28	29	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, Fr.	Crude oil	16,927
Gypsum Empress.	29	29	Brit.	S. Amer. Metals Co.	Coquimbo, Chile.	Cartaret, N. J.	Ores	6,340
Iris	29	1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	482
Mercury Sun [1] [2]	29	29	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,803
Everleigh	29	29	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	Wheat, gen.	9,115
Llanberis	29	29	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Antwerp, Belgium	Lumber, gen.	7,731
Missourian [2]	29	29	Amer.	Amer.-Hawaiian Line.	Puget S'd, Wash.	Boston, Mass.	Gen., lumber	10,185
Leticia [2]	29	3	Pan.	Antonio Tagaropulos	Panama, R. P.	Cristobal, C. Z.	Bananas	13
Cali	29	2	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	567
Nyhorn [2]	29	29	Nor.	Knutsen Line	Vancouver, B. C.	Manchester, Eng.	Lumber, gen.	6,693
Onondaga	28	1	Amer.	Dutton Lumber Corp.	Portland, Oreg.	Brooklyn, N. Y.	Lumber	2,693
Istmo	29	2	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	564

[1] Tanker. [2] Motor ship. [4] Tug. [8] Transport. [13] For orders. [14] Grain, fruit, general. [15] Bananas, plantains. [16] Sugar, canned pineapples. [17] Grain, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Waiwera [2]	29	1	Brit.	Shaw, Savill, & Albion	N. Plym'th, N. Z.	London, England.	Frozen, gen.	6,838
Huntingdon	29	1	Brit.	Fed. Steam Nav. Co.	Lyttleton, N. Z.	Glasgow, Scot.	Frozen, gen.	7,784
Kurdistan	29	1	Brit.	Common Bros., Ltd.	Vancouver, B. C.	London, England.	Wheat.	8,700
Wisconsin	1	2	Fr.	French Line	Vancouver, B. C.	Le Havre, France	General.	6,523
Schwaben	1	2	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General.	9,449
Benjamin Franklin. [2]	1	1	Nor.	Fred Olsen & Co.	Los Angeles, Cal.	Liverpool, Eng.	General.	7,835
Doric Star	1	1	Brit.	Blue Star Line	N. Plym'th, N. Z.	London, England.	Frozen, gen.	7,949
Tatsuno Maru	1	1	Jap.	Nippon Yusen Kaisha.	Manila, P. I.	New Orleans, La.	([13])	8,007
Steel Voyager	1	1	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Baltimore, Md.	General.	8,171
Belmoira [2]	1	1	Nor.	Christen Smith	Dairen, China	Karlshamn, Swed	Soy beans	4,013
Ionic	29	1	Brit.	Shaw, Savill & Albion.	Wellington, N. Z	London, England.	Frozen, gen.	4,814
F. J. Luckenbach	1	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General.	7,865
Eridan [2]	1	2	Fr.	Messageries Maritimes	Noumea, N. Cal.	Marseilles, Fr.	General.	4,536
Margaret Johnson [2]	1	3	Swed.	Johnson Line	Seattle, Wash.	Stockholm, Swed.	Coffee, gen.	4,450
Tattnall	2	2	Amer.	U. S. Navy	Balboa, C. Z.	New York, N. Y.	.....	.....
Badger	2	2	Amer.	U. S. Navy	Balboa, C. Z.	New York, N. Y.	.....	.....
J. Fred Talbott	2	2	Amer.	U. S. Navy	Balboa, C. Z.	New York, N. Y.	.....	.....
Trewyn	1	2	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	New Orleans, La.	Nitrates	7,795
Lochkatrine [2]	1	2	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen.	9,550
Brimanger [2]	2	2	Nor.	Interocean S. S. Corp.	S. Francisco, Cal.	Havre, France	General.	6,964
Willboro	1	2	Amer.	Williams S. S. Corp.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	9,070
Dryden	2	2	Amer.	Lykes Bros.-Ripley.	Bocolod, P. I.	Galveston, Tex.	Sugar	8,500
Boren	2	2	Swed.	Transatlantic S. S. Co.	Apia, Somoa Is.	Rotterdam, Neth.	Ore, general.	7,628
Santa Paula	2	3	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General.	4,256
Baron Newlands	2	2	Brit.	H. Hogarth & Sons	Pabellon, Chile	Dunkerque, Fr.	Guano	5,400
Doubtless [5]	2	..	Amer.	Emerson Biddle	Balboa, C. Z.	Miraflores, C. Z.	.....	.....
Canadian Constructor.	2	3	Brit.	Can. Nat. Steamships.	Brisbane, Aus'lia.	Halifax, N. S.	General.	1,876
Trois Ilets	2	..	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	159
Nurtureton	2	3	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England.	Wheat, oats.	9,310
Sambu [2]	2	4	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Montgomery City	3	3	Amer.	Isthmian S. S. Lines	Portland, Oreg.	Dublin, I. F. S.	Grain, gen.	7,977
Kishacoquillas [2]	3	4	Amer.	U. S. Tankship Corp.	Kahului, T. H.	New York, N. Y.	Molasses	7,290
Koranton	3	3	Brit.	West. Canada S. S. Co.	Vancouver, B. C.	London, England.	Wheat, oats.	10,000
Celtic Star	3	4	Brit.	Blue Star Line	Vancouver, B. C.	Newcastle, Eng.	Frozen, gen.	4,922
Acajutla	3	8	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, silver	751
Plow City	4	4	Amer.	Charles Nelson Co.	S. Francisco, Cal.	Baltimore, Md.	Gen., lumber	4,310
Eastern Glade	4	4	Amer.	Twin Harbors Lum.	Aberdeen, Wash.	Providence, R. I.	Timber	7,500
Teal [4]	4	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Texan	4	4	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	10,770
Dakotan	4	4	Amer.	Amer.-Hawaiian Line.	Pt. Angeles, Wash.	Boston, Mass.	General.	7,790
Santa Lucia	3	5	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General.	3,274
L. A. Christensen [2]	4	4	Nor.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Baltimore, Md.	Nit. of soda.	7,480
Ashleigh	4	4	Brit.	Empire Shipping Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain	3,642
Emergency Aid	2	6	Amer.	Pac.-Arg.-Brazil Line.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	4,392
Winslow [5]	4	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Alamar	4	5	Amer.	Calmar S. S. Corp.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,616
Cornwallis	4	5	Brit.	Can. Nat. Steamships.	Sydney, Aust'lia.	Halifax, N. S.	([14])	3,397
Paul Luckenbach	5	5	Amer.	Luckenbach Line	Pt. Towns'd, Wash	Boston, Mass.	Lumber, gen.	8,560
Stonepool	4	5	Brit.	Empire Shipping Co.	Vancouver, B. C.	Hull, England	Wheat	7,975
Lise [1] [2]	5	5	Nor.	Standard Oil of Calif.	Los Angeles, Cal.	London, England.	Gasoline	10,019
Komaki Maru [2]	5	6	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New Orleans, La.	([15])	8,046
Pacific Trader [2]	4	5	Brit.	Furness, Witby & Co.	Vancouver, B. C.	London, England.	General.	7,900
Neches [1]	5	7	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	([16])	520
Bronnoy [2]	5	6	Nor.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Boston, Mass.	Lumber	7,290
Wellington Court	6	6	Brit.	Halding & Philipps	Victoria, B. C.	Garston, England	([17])	8,300
Marore	7	7	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,525
Marie Bakke [2]	6	7	Nor.	Knut Knutsen, O.A.S.	San Antonio, Chile	Oslo, Norway.	General.	7,548
Sona [2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Gertrude Maersk [2]	7	8	Dan.	A. P. Moller	Cebu, P. I.	Baltimore, Md.	([18])	6,025
Tuira [2]	6	8	Pan.	Laffarque Bros.	Darien, R. P.	Balboa, C. Z.	Bananas	65
Bodegraven	7	8	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	([19])	8,095
Leticia [2]	7	10	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Point Brava	7	7	Amer.	Gulf-Pacific Line	Portland, Oreg.	Corpus Ch'ti, Tex.	General.	6,823
Sanyo Maru [2]	7	8	Jap.	Osaka Shosen Kaisha.	Keelung, Japan	New York, N. Y.	General.	4,027
Remuera	6	7	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England.	Frozen, gen.	5,505
Talaralite [1]	7	7	Brit.	Transit & Storage Co.	Talara, Peru.	Halifax, N. S.	Crude oil.	3,667
Cerigo	7	9	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General.	926
Gregalia	7	7	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General.	7,203
Real [2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Point Vincente	7	8	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	General.	6,500
Istmo	7	9	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	410
Thistleford	7	8	Brit.	Canadian Transp. Co.	Victoria, B. C.	London, England.	Lumber, gen.	7,800
Kansan	8	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General.	8,383
Tairoa	8	8	Brit.	Shaw, Savill & Albion.	N. Zealand ports.	London, England.	Frozen, gen.	5,205
Tenyo Maru [2]	8	8	Jap.	Mitsui & Co.	Guiwamen, P. I.	New York, N. Y.	General.	8,615
Reina del Pacifico [2]	7	9	Brit.	Pac. Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General.	3,237

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] Sugar, porcelain, general. [14] Wool, hides, logs. [15] Rubber, hemp, general. [16] Fuel oil, gasoline. [17] Lumber, wheat. [18] Sugar, oil, general. [19] Nitrates, copper.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Athelfoam [1] [2]	9	9	Brit.	United Molasses Co.	Honolulu, T. H.	Avonmouth, Eng.	Molasses	9,718
Ronda [2] [6]	9	...	Brit.	Capt. H. V. Hudson	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Willmoto [2]	9	9	Amer.	Williams S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,760
Nuevo Panama [2]	8	10	Pan.	Elliot Ship.& Land Co.	Panama, R. P.	Cristobal, C. Z.	[14]	8
Chinu [2]	9	9	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	1,889
Delftdijk [2]	9	9	Neth.	N. Pacific Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	9,282
Jefferson Myers	9	9	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,744
Lobos [2]	9	10	Brit.	Pac. Steam Nav. Co.	Talcahuano,Chile	Liverpool, Eng.	[15]	8,304
Meton [1]	9	9	Amer.	Shell East. Pet. Co	Los Angeles, Cal.	P'th Amboy,N.J.	Gasoline	9,349
Imperial Monarch	9	9	Brit.	Monarch S. S. Co	Iquique, Chile	Alexandria,Egypt	Nitrates	9,000
Troja	9	11	Ger.	Hamburg-Amer. Line.	Puntarenas, C. R.	Hamburg, Ger.	Coffee, gen.	2,060
Ulla	9	10	Den.	E. J. Lauritzen	Seattle, Wash.	Haifa, Egypt	Apples, pears	915
Mayan [2]	10	16	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,484
Sambu [2]	10	11	Pan.	Elliot Ship.& Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	22
Constance Chandler.	10	10	Amer.	Matson Nav. Co	Honolulu, T. H.	New York, N. Y.	[16]	7,216
Northumberland	9	10	Brit.	N. Z. Shipping Co	Bluff, N. Z.	London, England.	Frozen, gen.	7,838
Glenardle	9	10	Brit.	Phosphate Co	Makatea, Tuamotu, Fr.	Linhamn, Swed.	Phosphates	6,300
Duesseldorf [2]	10	11	Ger.	North German Lloyd.	Talcahuano,Chile	Hamburg, Ger.	General	5,657
Santa Inez [2]	10	10	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,023
Ferncliff [2]	10	10	Nor.	Fern Line	Kobe, Japan	Tampa, Fla.	[17]	5,605
Bradburn	10	10	Brit.	Sir W. R. Smith & Son	Vancouver, B. C.	Cobh, I. F. S. [13]	Wheat	8,096
Riverton	10	10	Brit.	R. Chapman & Son	Vancouver, B.C.	Jamaica, B.W.I [13]	Wheat	8,360
Winslow [5]	10	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Pan Scandia [1] [2]	10	11	Nor.	Stand. Oil Co., N. Y.	Talara, Peru	Aruba, D. W. I.	[18]	14,731
Clarissa Radcliffe	10	11	Brit.	Mitchell Cotts Co	Vancouver, B. C.	Cobh, I. F. S. [13]	Wheat	8,555
Lena Luckenbach	11	11	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	6,846
Selvistan	11	11	Brit.	Montreal Ship. Co	Vancouver, B. C.	London, England.	Wheat	8,209
Comet [1] [2]	11	11	Amer.	Socony Vac. Oil Co	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,095
Ardor [1] [2]	11	11	Ital.	Imperial Oil Co., Ltd.	Talara, Peru	Halifax, N. S.	Crude oil	11,723
Virginian	11	11	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,688
York [1] [2]	11	16	Brit.	Royal Navy	Talara, Peru	Bermuda	.....	10,150
West Mahwah	11	12	Amer.	Pac.-Brazil-Arg. Line.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,136
Magnolia [1]	12	12	Amer.	Socony Vac. Oil Co	Los Angeles, Cal.	New York, N. Y.	Gasoline	14,015
Pajala [2]	12	12	Swed.	Chile Nit. Sales Corp.	Iquique, Chile	Wilmington,N. C.	Nitrates	10,360
Simonburn	12	12	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Hull, England	Wheat	8,220
Andrea F. Luckenbach.	12	12	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,053
Pomona	12	12	Amer.	Weyerhaeuser S. S.Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,300
Abraham Lincoln [2]	12	13	Nor.	Fred Olsen & Co	N. Westm'er,B.C.	Oslo, Norway	General	6,236
Umberleigh	12	12	Brit.	Empire Shipping Co.	Vancouver, B. C.	London, England.	Wheat, oats.	8,483
California	12	12	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	8,554
S-10 [7]	12	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sysla [1] [2]	12	13	Nor.	Waages Tankrederi	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	9,000
Sage Brush	12	13	Amer.	Shepard S. S. Co	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,481
Tilthorn	13	13	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S. C.	Nitrates	10,370
Southern Cross [6]	13	14	Pan.	Rover S. S. Co	Long Beach, Cal.	Nassau, Bahamas	Ballast	.....
San Angelo	13	13	Amer.	States S. S. Co	Portland, Oreg.	Albany, N. Y.	Lumber, gen.	7,797
Ullapool	14	14	Brit.	Empire Shipping Co.	Vancouver, B. C.	Avonmouth, Eng.	Wheat, oats.	8,180
Blythmoor	14	15	Brit.	Canada Shipping Co.	Vancouver, B. C.	London, England.	Wheat, oats.	9,916
Leticia [2]	14	17	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Golden Kauri	14	14	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	Sugar	7,241
Leda [1] [2]	14	14	Pan.	Agwi Petroleum Corp.	Talara, Peru	S'ampton, Eng.	Crude oil	12,089
Durazzo	14	22	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,048
Elfi	14	23	Nor.	Elliot Ship.& Land Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Barbara Cates	12	14	Amer.	Christenson S. S. Co.	Willapa, Wash.	Baltimore, Md.	Lumber	7,620
City of Elwood [2]	14	15	Amer.	Roosevelt S. S. Co	Brisbane, Aus'lia.	Baltimore, Md.	General	7,958
Texmar	14	15	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	6,682
California Express	[2] 14	15	Nor.	Fruit Express Line	Vancouver, B. C.	Glasgow, Scot.	Fresh fruit	1,601
Istmo	15	16	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	351
Chester Sun [1] [2]	14	16	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	[19]	13,424
Sveadrott [2]	14	15	Swed.	Stockhom Rederi Svea	Talcahuano,Chile	Goteborg,Sweden	[20]	7,414
Heranger [2]	15	15	Nor.	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	Lumber, gen.	7,402
Strassa [2]	15	16	Swed.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrates	8,530

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [7] Submarine. [12] Cruiser. [13] For orders. [14] Empty drums, steel. [15] Raw products, general. [16] Canned pineapples, kanec. [17] Fishmeal, beet pulp. [18] Kerosene, gasoline. [19] Gasoline and spirits. [20] Nitrates, copper.

Sales of Floating Equipment

The Panama Canal offers for sale to the highest bidders the steel seagoing tugs *Bolivar* and *La Boca* and the harbor supply boat *U. S. Supply No. 2*. Sealed proposals will be received in the offices of the General Purchasing Officer, The Panama Canal, Washington, D. C., and the Chief Quartermaster, The Panama Canal, Balboa Heights, Canal Zone, not later than 10:30 o'clock a. m., April 24, 1936. Forms of proposal, Circular No. 3132, with full particulars, may be had upon application to the abovementioned offices.

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Volume XXIX. Balboa Heights, C. Z., April 15, 1936. No. 9.

Traffic Through the Panama Canal in March 1936

The total vessels of all kinds transiting the Panama Canal during the month of March 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	March 1934	March 1935	March 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	508	455	269	257	526
Local commercial vessels [1]	49	60	31	24	55
Noncommercial vessels:					
United States Government	25	34	25	15	40
State of California	.....	.....	1	.....	1
For repairs	.....	2	.....	.....	.....
Total	582	551	326	296	622

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended March 31, 1936, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934-5	1935-6	1934-5	1935-6	1934-5	1935-6	1934-5	1935-6
April	469	432	2,492,529	2,258,926	2,290,795	2,079,028	$2,120,640.81	$1,890,572.41
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	2,146,421.35	1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
Total	5,213	5,192	28,122,921	27,347,132	25,216,883	25,648,118	23,595,721.06	22,930,099.00

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for March 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 149	821,306	708,331	Netherlands	14	59,977	40,303
Chilean	3	9,173	12,218	Norwegian	55	260,620	288,061
Danish	14	62,465	38,484	Panamanian	19	67,689	74,333
French	7	43,116	31,044	Peruvian	1	1,640	571
German	[5] 30	116,379	126,471	Swedish	15	68,961	73,101
Greek	7	32,217	45,324	United States	177	972,486	981,031
Honduran	2	3,072	1,018	Yugo-Slav	3	13,844	25,990
Italian	4	27,725	19,903				
Japanese	26	154,098	167,967	Total	526	2,714,768	2,634,150

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Includes 3 naval vessels of 12,706 tons displacement.
[5] Includes 1 naval vessel of 5,900 tons displacement.

Traffic by Trade Routes, March 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	65	360,006	230,922	55	325,488	440,981
East coast United States and:						
Canada	6	28,493	15,282	4	18,277	27,490
Central America	3	6,098	4,700	1	1,536	1,018
South America	25	110,465	20,670	24	102,038	204,490
Hawaiian Islands	3	15,017	8,798	6	29,355	48,130
Australasia	7	36,907	39,636	2	9,912	15,315
Philippine Islands	11	69,618	50,638	15	89,506	110,527
Far East	20	111,571	142,599	6	33,169	28,555
Canadian intercoastal	1	5,208	2,300	.....	.....	.....
East coast Canada and:						
South America	.....	.....	.....	3	14,647	30,790
Australasia	5	24,400	20,325	3	14,200	8,454
Central American intercoastal	1	5,144	6,970	.....	.....	.....
East coast Central America and:						
South America	1	5,381	10,525	.....	.....	.....
Australasia	2	8,905	13,092	.....	.....	.....
South American intercoastal	3	2,059	2,096	1	1,640	571
East coast South America and:						
United States	1	3,528	.....	2	9,872	8,118
Canada	1	5,026	4,766	.....	.....	.....
Far East	1	7,624	3,377	.....	.....	.....
Cristobal and:						
Central America	5	5,182	2,733	4	4,088	3,424
South America	10	6,172	3,913	10	6,749	6,001
Balboa	.....	.....	.....	1	391	.....
West Indies and:						
South America	1	2,590	.....	1	7,342	14,731
Balboa	2	10,770	19,804	.....	.....	.....
Australasia	1	5,075	7,180	.....	.....	.....
Far East	1	6,347	12,768	.....	.....	.....
Central America	.....	.....	.....	1	4,169	3,000
Europe and:						
United States	8	40,913	8,400	5	26,365	41,868
Canada	46	253,325	76,359	55	284,530	430,723
Central America	4	18,989	4,997	2	5,735	4,695
South America	17	102,616	41,291	24	139,777	217,673
Hawaiian Islands	.....	.....	.....	3	27,898	9,718
Australasia	9	79,748	39,245	18	150,617	110,693
Far East	2	11,762	16,105	5	22,735	36,878
Egypt and:						
United States	.....	.....	.....	1	1,328	915
South America	1	1,525	.....	1	4,685	9,000
Around the world	1	8,495	3,608	1	6,216	7,293
Foreign vessels in ballast (United States intercoastal)	3	12,726	.....	.....	.....	.....
Vessels not engaged in commerce	[6] 2	.....	.....	[7] 3	818	.....
Total	269	1,371,685	813,099	257	1,343,083	1,821,051

[6] Two naval. [7] Two naval and 1 yacht.

Origin and Destination of Cargo by Major Areas, March 1936

The following table summarizes the origin of cargo passing through the Canal in March 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	265,211	17,455	185,273	14,037	46,249	528,225
Other North America	660	32,999	19,144	24,625	34,204	111,632
Europe	57,858	20,326	9,767	38,189	38,922	165,062
Miscellaneous	5,202	162	2,100	613	103	8,180
Total	328,931	70,942	216,284	77,464	119,478	813,099

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	439,240	8,796	132,653	8,235	588,924
Canada	28,420	2,870	334,694	2,380	368,364
Other North America	49,628	7,706	15,881	3	73,218
South America	199,972	56,990	216,259	9,614	482,835
Australasia	21,629	4,069	108,764	.....	134,462
Asia	132,677	3,624	36,878	69	173,248
Total	871,566	84,055	845,129	20,301	1,821,051

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during March 1936 or in March 1935 are listed below:

Commodity	March		Commodity	March	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	4,235	34,142	Beans, edible, dry	14,609	16,039
Asphalt and tar	546	11,116	Canned goods, various	88,435	97,661
Automobiles and parts	28,475	34,076	Coffee	17,055	16,952
Canned goods, various	10,282	10,456	Cold storage (food products)[8]	46,290	57,599
Cement	14,145	10,660	Copra	17,796	10,503
Coal and coke	11,442	8,367	Flour	36,587	32,563
Cotton, raw	14,760	19,609	Fruit, dried	19,162	23,410
Iron and steel	119,901	151,163	Fruit, fresh[9]	30,861	26,463
Machinery	10,476	11,139	Lumber	199,014	264,566
Metals, various	16,814	24,089	Metals, various	53,482	55,717
Nitrates	6,332	19,547	Molasses and syrups	626	18,140
Oils, mineral	25,354	95,187	Nitrates	130,063	147,624
Ores	10,210	9,995	Oats	9,131	10,264
Paper	33,350	34,495	Oils, mineral	279,328	257,988
Phosphates	20,599	23,526	Oils, vegetable	18,210	20,358
Railroad material	5,359	12,220	Oilseed cake and meal	17,480	3,146
Scrap metal	102,565	24,049	Ores, principally iron	73,617	130,411
Sugar	5,400	17,918	Paper	14,056	13,116
Sulphur	15,298	29,227	Rice	12,848	2,790
Textiles	9,391	11,282	Soy beans	56,799	32,873
Tinplate	19,645	27,237	Sugar	85,657	133,138
			Wheat	119,237	233,554
Pacific to Atlantic			Wood pulp	10,331	11,512
Bananas	11,666	3,586	Wool	20,680	34,500
Barley	9,574	14,469			

[8] Except fresh fruit. [9] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of March 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	9	.....
Agricultural implements	1,336	58	3,468	99
Alfalfa meal	.....	648	.....	648
Ammonium compounds	200	.....	34,142	.....
Animal foods[10]	215	.....	215	2,043
Apparel, wearing (hats, shoes, clothing, etc.)	156	4	171	16
Asbestos	.....	.....	1,881	.....

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asphalt and tar	260	75	11,116	826
Automobiles (and autotrucks)	8,387	65	23,245	70
Automobile parts and accessories	3,729	72	10,831	78
Bags and bagging, textile	107	12	249	318
Bamboo and products	.....	13	.....	100
Bananas	.....	.....	.....	3,586
Barks, miscellaneous	50	.....	341	360
Barley	.....	90	.....	14,469
Beans, edible, dry	172	6,612	309	16,039
Beer	22	.....	182	84
Beverages, nonalcoholic	126	18	126	18
Blood and tankage	.....	.....	197	.....
Bones and bonemeal	.....	1,460	211	1,460
Books and printed matter	.....	.....	22	.....
Borax	476	.....	476	7,098
Bran and pollards	.....	.....	.....	1,971
Bricks and tile	.....	.....	556	.....
Camphor, crude	.....	.....	.....	110
Canned and preserved goods:				
Fish	540	14,806	1,131	17,983
Fruit	2,497	30,401	2,516	58,358
Meat	.....	136	1,398	459
Milk	.....	809	315	1,175
Soup	2,145	306	2,203	363
Vegetables	1,481	6,802	1,597	6,925
Miscellaneous and unclassified	1,046	9,164	1,296	12,398
Carbon black	.....	.....	251	.....
Celite	.....	902	.....	902
Cement	272	.....	10,660	273
Chalk	.....	.....	357	.....
Charcoal	102	.....	107	.....
Chemicals [10]	4,380	4,092	7,981	4,426
Clay, china and fire	314	621	657	621
Clay, filtering	512	.....	537	299
Coal	2,384	.....	2,941	.....
Cocoa and cacao beans	100	.....	656	1,970
Coconuts and products [10]	25	839	106	1,003
Coffee	182	345	3,127	16,952
Coke	.....	.....	5,426	.....
Cold storage and refrigerated products:				
Dairy products	123	196	264	30,036
Eggs	.....	.....	.....	120
Fish	15	.....	94	1,174
Lard	464	.....	650	111
Meats	.....	.....	174	25,372
Poultry	.....	179	.....	237
Vegetables	98	445	98	514
Other and unclassified	.....	.....	21	35
Confectionery	875	40	890	40
Copra	.....	.....	.....	10,503
Copra meal and cake	.....	.....	.....	360
Corn	.....	.....	294	3,400
Cotton, raw	45	3,415	19,609	9,796
Creosote	.....	.....	9,847	.....
Drugs and medicines	811	202	953	329
Dyes	.....	.....	363	.....
Earthenware	21	.....	310	.....
Electrical apparatus and appliances	443	69	558	83
Explosives	134	.....	595	.....
Extract, quebracho	.....	.....	575	.....
Fertilizers [10]	251	637	1,322	637
Fish, salted or dry-cured	.....	.....	.....	34
Fish meal	.....	.....	40	6,279
Floor coverings	1,433	1,118	1,441	2,323
Flour	321	25,696	1,308	32,563
Fruit, dried	4	12,036	86	23,410
Fruit, fresh [10]	.....	2,888	296	26,463
Furniture and household goods	1,234	2	1,247	2
Gallnuts	.....	.....	.....	83
General	21,641	13,282	57,900	22,932
Glass and glassware	3,220	265	5,464	998
Glue	66	214	76	214
Groceries	864	.....	1,024	406
Guano	.....	.....	.....	5,401
Gums	.....	182	3	398
Hair, all kinds	.....	75	35	125
Hay	.....	214	.....	214
Hemp, unmanufactured	140	.....	302	2,960
Honey	.....	317	.....	724
Infusorial earth	.....	682	.....	1,441

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	88,493	386	151,163	437
Ivory nuts	.....	172	368	1,462
Jute, unmanufactured	280	.....	445	.....
Lard substitute	905	57	905	58
Lime	.....	.....	100	.....
Liquors	4,504	361	6,107	372
Lumber (including manufactured mill products)	3,310	139,496	6,432	264,566
Machinery	3,689	642	11,139	836
Malt	16	36	618	66
Manufactured goods [10]	3,418	297	4,395	837
Marble and granite	32	.....	561	.....
Matches	326	118	389	184
Metals:				
Antimony	96	.....	96	.....
Copper	.....	11,286	1,829	33,464
Gold and silver	.....	.....	3	20
Iron	8,012	.....	17,616	.....
Lead	200	908	1,750	10,099
Tin	90	32	1,486	2,582
Zinc	59	.....	861	8,368
Other and unclassified	341	528	448	1,184
Milk, powdered	12	312	69	1,285
Molasses and syrups	119	.....	132	18,140
Nitrates	2,684	.....	19,547	147,624
Nuts, edible (including meats)	26	617	534	795
Oats	17	525	52	10,264
Oils, mineral:				
Crude	713	40	927	111,949
Gas and fuel	92	9,561	33,264	25,572
Gasoline, benzine, and naphtha	.....	69,468	13,945	113,533
Kerosene	2,918	.....	10,607	6,532
Lubricating and greases	15,871	184	36,444	402
Oils, vegetable:				
Coconut	.....	.....	3	5,472
Cottonseed	.....	.....	1,030	604
Linseed	117	.....	128	32
Olive	68	35	539	35
Rapeseed	35	.....	54	1,182
Wood	415	367	415	2,743
Other and unclassified	.....	1,125	747	10,290
Oil, fish	.....	2,360	65	3,044
Oil, whale	.....	.....	.....	19
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	17	12	24	3,063
Oilseed cake and meal	.....	.....	.....	3,146
Ores:				
Antimony	.....	.....	.....	424
Chrome	123	.....	123	.....
Copper	.....	1,263	10	8,334
Gold and silver	.....	.....	.....	404
Iron	90	.....	118	90,463
Lead	.....	.....	.....	2,182
Magnesite	.....	718	.....	972
Manganese	153	1,196	153	7,399
Tin	.....	209	474	4,424
Zinc	50	.....	130	6,132
Other and unclassified	75	389	8,987	9,677
Paints and varnishes	1,237	233	4,750	286
Paper and paper products [10]	11,754	6,245	34,465	12,582
Paper scrap	.....	534	30	534
Peanuts	3,392	.....	3,392	4,050
Peas, dry	.....	.....	.....	255
Peatmoss	.....	.....	1,608	.....
Phosphates	.....	309	23,526	6,609
Plaster	.....	.....	32	.....
Porcelainware	579	843	962	4,670
Potash	.....	2,193	3,561	2,193
Pyrethrum flowers	.....	.....	.....	244
Rags and waste	270	605	639	2,711
Railroad material	3,493	.....	12,220	.....
Rice	1,307	749	1,677	2,790
Rope and twine	293	.....	747	22
Rosin	1,324	195	5,483	195
Rubber:				
Manufactured	1,164	.....	1,538	28
Raw	552	.....	552	7,225
Scrap	.....	135	.....	239
Salt	.....	386	3,885	593
Sand	44	.....	3,952	115
Scrap metal	213	559	24,049	800

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	27	246	257	961
Sewer pipe (concrete and terra-cotta)	1,330	.....	1,330	.....
Shells, oyster	.....	.....	.....	106
Silk, raw	.....	473	12	1,809
Skins and hides	.....	3,501	343	8,191
Slag	.....	.....	6,223	.....
Slate	2,027	.....	2,027	.....
Soaps and products	.....	324	196	465
Soda and sodium compounds:				
Soda ash	249	.....	890	825
Soda, caustic	43	.....	762	.....
Miscellaneous and unclassified	167	.....	319	98
Soy beans	422	.....	422	32,873
Sugar	.....	20,696	17,918	133,138
Sulphur	15,581	22	29,227	112
Talc	62	201	62	297
Tallow	.....	537	.....	2,450
Tea	.....	148	55	462
Textiles [11]	7,324	287	11,282	4,217
Tinplate	8,660	.....	27,237	77
Tobacco and manufactures	901	13	5,059	104
Toilet preparations	417	.....	420	3
Turpentine	151	.....	308	.....
Vegetables, dry [10]	.....	22	186	2,735
Wall board	144	.....	702	850
Wax, paraffin	163	19	1,758	116
Wheat	.....	3,497	.....	233,554
Wines	554	1,108	993	1,566
Wood pulp	493	10,759	5,627	11,512
Wool	89	1,197	336	34,500
Total, March 1936	265,211	439,240	813,099	1,821,051
Total, March 1935	236,445	485,530	668,333	1,542,101
Total, March 1934	180,576	695,637	570,463	1,894,272

[10] Except as otherwise classified. [11] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of March 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	13	71,043	11,206	7	40,673	79,017
East coast United States and:						
South America	2	12,665	435	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	4,293	[13] 7,290
Far East	2	9,926	16,340	.....	.....	.....
East coast Canada and South America	.....	.....	.....	3	14,647	30,790
Central American intercoastal	1	5,144	6,970	.....	.....	.....
East coast Central America and South America	1	5,381	10,525	.....	.....	.....
West Indies and:						
Balboa	2	10,770	19,804	.....	.....	.....
Central America	.....	.....	.....	1	4,169	3,000
South America	.....	.....	.....	1	7,342	14,731
Far East	1	6,347	12,768	.....	.....	.....
Europe and:						
United States	2	12,202	.....	3	15,473	30,606
Canada	1	5,177	[12] 9,847	.....	.....	.....
South America	5	34,953	.....	7	47,322	98,657
Hawaiian Islands	.....	.....	.....	1	4,477	[13] 9,718
Total	30	173,608	87,895	24	138,396	273,809

[12] Creosote. [13] Molasses.

Comparison of Canal Traffic in March 1936, with March Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of March			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915 [14]	136	476	607	1915	[15] 100	361	466
1916 [16]	.....	.....	.....	1916	60	199	258
1917	139	458	571	1917	145	483	588
1918	171	583	661	1918	165	547	627
1919	151	478	505	1919	162	510	576
1920	226	819	894	1920	199	712	781
1921	251	1,113	1,084	1921	232	950	966
1922	231	975	960	1922	222	951	907
1923	403	1,988	1,941	1923	325	1,550	1,631
1924	424	2,136	2,272	1924	429	2,179	2,249
1925	393	1,964	2,104	1925	382	1,904	1,996
1926	496	2,397	2,606	1926	424	2,064	2,169
1927	490	2,413	2,533	1927	441	2,184	2,311
1928	525	2,439	2,427	1928	521	2,453	2,468
1929	526	2,566	2,742	1929	524	2,485	2,554
1930	505	2,505	2,557	1930	502	2,497	2,502
1931	427	2,210	1,914	1931	447	2,314	2,089
1932	348	1,864	1,643	1932	364	1,968	1,650
1933	369	1,987	1,737	1933	347	1,900	1,513
1934	508	2,702	2,465	1934	436	2,379	2,059
1935	455	2,398	2,210	1935	432	2,317	2,109
1936	526	2,715	2,634	([17])	437	2,288	2,133

[14] Canal opened August 15, 1914. [15] Average for 10½ months. [16] Canal closed on account of slides. [17] Average for 9 months of fiscal year 1936.

Terminal Activities

Ships repaired during the month of March 1936 numbered 46; of this number 5 were drydocked. Fuel oil in the quantity of 407,073 barrels was delivered as bunkers to 155 commercial ships. Bunker coal amounting to 3,630 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated $58,864.67.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	24,377	11,526	35,903
Local cargo shipped ..... tons	4,693	296	4,989
Cargo received for transshipment ..... tons	33,601	2,418	36,019
Cargo transshipped ..... tons	38,035	1,799	39,834
"Canal Zone for Orders" cargo:			
Number of receipts issued	16	1	17
Number of releases issued	64	14	78
Tons received	124	7	131
Tons withdrawn	69	4	73

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	600	3,902,973	2,326,864	562	3,357,158	2,008,650
Vessels entering port but not transiting Canal	77	671,767	385,271	16	86,826	46,013
Vessels transiting Canal and handling passengers and cargo at terminal ports	149	989,812	582,651	116	770,501	446,658
Ships clearing						
All vessels, including those transiting Canal	608	3,942,022	2,349,222	564	3,375,377	2,021,434
Vessels clearing port but not transiting Canal	79	684,000	391,777	16	79,904	42,062
Vessels transiting Canal and handling passengers and cargo at terminal ports	154	999,587	587,840	117	782,852	454,852

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, March 15, 1936, to midnight, April 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Veragua, 50, 8
Saarland, 53, 75
Canada, 107, 24
Santa Rosa, 193, 56
Cuba, 0, 1,028
Venezuela, 153, 23
Atlantida, 255, 234
La Paz, 681, 0
Salvador, 544, 461
San Felipe, 420, 0
Sacramento, 165, 0
Santa Clara, 189, 110
Santa Lucia, 501, 119
Wichita, 301, 0
San Jose, 478, 277
Ancon, 4,336, 528
Soyo Maru, 217, 0
Cellina, 132, 344
Phrygia, 140, 360½
Cacique, 300, 602
Quirigua, 273, 35
Santa Paula, 140, 90
President Taft, 117, 0
Kurama Maru, 224, 0
Nagara Maru, 665, 0
Oakland, 222, 117
Metapan, 868, 347
West Cactus, 5, 0
Malistan, 8,459, 0
Canada, 44, 0
Venice Maru, 325, 0
Patricia, 44, 262
Calamares, 1,275, 315
Colombia, 284, 845
San Simeon, 81, 1
Cordillera, 263, 72
Kyphissia, 41, 14½
New York, ¼, 0
Shinko Maru, 175, 0
Orbita, 13, 34
Envoy, 3, 0
Seattle, 88, 99½
Durazzo, 0, 993
Cali, 787, 38
Iris, 907, 79
Venezuela, 19, 891
Mantilla, 4,972, 0
Commercial Alabaman, 205, 84
Chincha, 16, 770
Istmo, 452, 383
Saale, 152, 500
Quirigua, 64, 79½
Cumbal, 158, 0
Palatia, 250, 786
San Diego, 15, 2
Santa Rita, 35, 159
Contessa, 77, 287
Nebraska, 68, 66
Boskoop, 49, 324
Pasajero, 0, 10
Weser, 171, 337
Grenland, 697, 790
Punta Arenas, 41, 3
Feltre, 48, 0
Tai Ping, 753, 0
Santa Inez, 93, 56
Peten, 156, 4½
Costa Rica, 121, 22
Santa Marta, 472, 156
Buffalo Bridge, 180, 0
Commissaire Ramel, 1, 0
Iris, 226, 47
Haiti, 295, 1,023
Toloa, 892, 119
Guayaquil, 1,387, 687
Chimu, 133, 669
San Lucas, 135, 1
Hollywood, 852, 31
President Monroe, 0, 1
Cerigo, 749, 104
Cali, 57, 519
Custodian, 170, 11
Nuevo Panama, 0, 232
Montana, 2,721, 0
De La Salle, 121, 278
Peten, 43, 91
Istmo, 441, 285
Santa Elena, 225, 21
R. L. Hustler, 2, 0
Knute Nelson, 0, 412
Atlantida, 289, 428
Canadian Britisher, 0, 422
Santa Maria, 407, 26
Cordillera, 98, 888
Santa Clara, 335, 230
Cristobal, 2,290, 562
Acajutla, 573, 356
Nora Maersk, 426, 0
Arizona, 677, 6
Orduna, 37, 141
Santa Rosa, 74, 218
Veragua, 438, 77
Eidsvold, 454, 0
L.A. Christenson, 17, 0
Bochum, 143, 229
Astoria, 0, 130
Buenos Aires, 0, 687
Sixaola, 1,101, 315
Trois Ilets, 219, 22
Peter Kerr, 128, 1½
Laurits Swenson, 553, 0
Pastores, 260, 893
Ulua, 727, 193
Lochgoil, 260, 16
Oregon, 394, 128
Katsuragi Maru, 330, 0
Manizales, 670, 618
Santa Maria, 12,000, 0
Hokkai Maru, 900, 91
Costa Rica, 4, 140
Istmo, 491, 301
West Nilus, 27, ½
Veragua, 101, 98
Abana, 108, 272
Elbe, 308, 130
Sanyo Maru, 222, 112
Orazio, 20, 270
Agira, 57, 147
Albert H., 3, 0
Asuka Maru, 128, 0
Cacique, 280, 0
Santa Barbara, 65, 32
Lochmonar, 94, 89
Contessa, 282, 662
Amsterdam, 77, 385
Brandanger, 1, 0
Pereira, 10, 178
Plow City, 104, 0
Mayan, 897½, 511
Alster, 412, 514
Damsterdijk, 85, 0
Ario, 10,266, 0
Canadian Constructor, 117, 164
Washington, 61, 93
Santa Rita, 70, 102
Quirigua, 203, 36½
Amerika, 8, 0
Osnabruck, 62, 452
Tivives, 494, 196
Canadian Cruiser, 34, 403
Buenaventura, 1,533, 462
Envoy, 6, 0
Durazzo, 1,163, 0
Tillie Lykes, 463, 141
Calamares, 950, 604
Colombia, 232, 608
Cumbal, 85, 175
Simon Bolivar, 61, 6
Iris, 1,114, 113
Virgilio, 80, 147
Colombie, 52, 1,155
Marques de Comillas, 231, 522½
Quirigua, 8, 48
Roda, 90, 63
Santa Paula, 165, 1
San Marcos, 192, 0
President Pierce, 97, 1
Cerigo, 56, 399
Salvador, 306, 0
Nojima Maru, 605, 0
Alkmaar, 37, 192
Laguna, 133, 130
Atlantida, 100, 488
Ruth, 214, 0
Santa Lucia, 378, 107
Pasajero, 0, 10
Kinugasa Maru, 382, 0
Annie Johnson, 0, 232
Taranger, ½, 0
Tuira, 0, 21

BALBOA

Panama Railroad figures for report of March 15, 1936

Venice Maru, 487, 10
Pennsylvania, 0, 106
Condor, 241, 0
Chiriqui, 567, 39
Rhakotis, 117, 0

Heiyo Maru, 39, 0
Petter, 14,272, 0
Santa Rosa, 222, 115
Mayan, 0, 5
Ludington, 1,644, 0
Santa Clara, 52, 158
Wichita, 103, 0
Stamos, 113, 0
Canada, 754, 0
Soyo Maru, 32, 510
Santa Lucia, 258, 134
Deroche, 160, 0
President Cleveland, 0, 7
Santa Paula, 3, 32
Cacique, 0 178
Talamanca, 468, 66
Republic, 2,230, 2
Chincha, 0, 119
Virginia, 11, 11
Tai Ping, 238, 0
Ontariolite, 11,692, 0
Fordsdale, 125, 0
Santa Inez, 216, 0
Hollywood, 1,247, 1
Ruahine, 16, 0
Chimu, 0, 10
Santa Elena, 128, 8
Antigua, 580, 52
Cali, 0, 1
Greenland, 0, 9
Spondilus, 9,956, 0
Santa Maria, 24, 0
Nora Maersk, 166, 0
Acajutla, 2, 0
Iocoma, 1,526, 0
Buenos Aires, 0, 1
Santa Clara, 161, 29
Santa Maria, 235, 0
Santa Rosa, 6, 0
Chateau Thierry, 675, 0
Laurits Swenson, 472, 0
Chiriqui, 450, 127
Sirius, 1, 0
Chateau Thierry, 0, 46
Agira, 309, 0
Santa Rita, 182, 28
Royal Arrow, 12,833, 0
President Van Buren, 24, 0
Axel Johnson, 1,573, 0
Cuzco, 265, 0
Cumbal, 0, 47
Mayan, 10, 24
Santa Paula, 169, 111
Santa Lucia, 123, 37
Alkmaar, 168, 57
Salvador, 3, 0
Svealand, 0, 3
Urubamba, 76, 0
Santa Barbara, 47, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,555; embarking 1,836; at Balboa, 764 disembarking and 941 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,023, from the Pacific to the Atlantic, 4,726. Aircraft numbering 36 entered Cristobal, and 181 passengers disembarked; clearances were 36, with 110 passengers embarking; at Balboa entries of aircraft were 16, with 38 passengers disembarking; clearances, 16, with 33 passengers embarking.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies, available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Movements of Ocean Vessels Through the Panama Canal

From midnight March 15, 1936, to midnight April 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mayan	10	16	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	508
Stella	15	16	Dan.	Wessel, Duval & Co.	Chester, Pa.	Valparaiso, Chile.	General	1,018
Fordefjord [2]	15	16	Nor.	Chile Nit. Sales Corp.	Lake Charles, La.	Tocopilla, Chile.	Ballast	.....
Drechtdijk [2]	15	16	Neth.	N. Pacific Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,029
Sunoil [1] [2]	15	16	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Geisha [2]	16	16	Nor.	Knut Knutsen Line	Kristians'nd, Nor.	Vancouver, B. C.	Ballast	.....
Dilworth [1]	16	17	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Manizales	14	17	Ger.	North German Lloyd	Cartagena, Col.	Guayaquil, Ecua.	Coffee, gen.	1,115
Istmo	15	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	375
Ludington [8]	14	20	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	General	5,860
Visitante [13]	16	...	Amer.	C. W. Burdge	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rotorua	16	17	Brit.	N. Z. Shipping Co.	London, England	Timaru, N. Z.	([16])	8,750
Procyon [1] [2]	16	17	Swed.	Furfuba	Dunkerque, Fr.	Estero Bay, Calif.	Ballast	.....
Florence Luckenbach.	16	17	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	General	5,254
Vancouver City [2]	17	17	Brit.	Reardon-Smith Line	Novor'k, U.S.S.R.	Tacoma, Wash.	Gold ore	8,400
Willzipo	17	17	Amer.	Williams S. S. Co.	Baltimore, Md.	Seattle, Wash.	General	3,400
Cumberland	17	17	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	New Zealand	Ballast	.....
Leticia [3]	17	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	.....
Canada [2]	16	18	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	Gen., paper	4,349
Baldhill [1]	17	17	Amer.	Shell Terminal Corp.	Perth Amboy, N. J.	Los Angeles, Cal.	Ballast	.....
Dallington Court	17	17	Brit.	Canadian Transp. Co	Barry, England	Estero Bay, Calif.	Ballast	.....
Jonna	17	18	Dan.	J. Lauritzen	Haifa, Palestine	Valparaiso, Chile.	Ballast	.....
Steel Navigator	18	18	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Bel'an Deli, Sum.	General	5,870
Hanley	18	18	Amer.	Pac. Coast Direct Line	Newark, N. J.	Everett, Wash.	([17])	3,600
Mercury Sun [1] [2]	18	18	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Sacramento	18	18	Amer.	Nelson Line	Philadelphia, Pa.	Seattle, Wash.	General	4,161
San Felipe	18	18	Amer.	States S. S. Co.	Jacksonville, Fla.	Seattle, Wash.	Pipe, autos	3,395
President Cleveland.	19	20	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal	General	5,635
Nevadan	18	19	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	3,398
Rangitane [2]	19	19	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	5,313
Dorothy Luckenbach.	18	19	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	Ballast	.....
DanC.Kingman [14]	18	21	Amer.	U. S. Engineer Dept.	Savannah, Ga.	Seattle, Wash.	Ballast	.....
Fermia [2]	19	19	Swed.	Axel Brostrom & Son.	Baltimore, Md.	Portland, Oreg.	Ballast	.....
Ravnaas	19	19	Nor.	Canadian Transp. Co.	Hamburg, Ger.	Vancouver, B. C.	Ballast	.....
Loch Maddy	19	19	Brit.	McClay & McIntyre	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
W. M. Delphia [3]	18	19	Hond.	W. S. McNab	Roatan, Hond.	Amapala, Hond.	Ballast	.....
Santa Lucia	18	20	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	1,852
La Paz [2]	17	19	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile.	General	3,145
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Cacique	19	20	Amer.	Grace Line	New York, N. Y.	Callao, Peru	General	1,782
Berganger [2]	19	20	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Psgrs. only	.....
Southern Sun [1] [2]	20	20	Amer.	Sun Oil Co.	New York, N. Y.	El Segundo, Calif.	Ballast	.....
J.A.Mowinckel [1] [2]	20	20	Pan.	W. Tankschiff Rhed'i.	New York, N. Y.	Talara, Peru	Ballast	.....
Steel Engineer	20	20	Amer.	Isthmian S. S. Lines	New York, N. Y.	Tacoma, Wash.	General	5,463
Skagerak [2]	19	20	Nor.	K. K. K. Line	Baltimore, Md.	Kobe, Japan	([18])	7,405
Lebore	20	20	Amer.	Bethlehem Steel Co.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Paula	20	21	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	3,021
Hokuroku Maru [2]	20	20	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	General	8,168
West Cactus	21	21	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	4,766
Anna Maersk [2]	20	21	Dan.	A. P. Moller	Boston, Mass.	Manila, P. I.	General	5,642
Elmworth [2]	20	21	Brit.	Anglo-Can. S. S. Co.	London, England	Vancouver, B. C.	Ballast	.....
Lewis Luckenbach	20	21	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,000
Trewyn	21	21	Brit.	Chile Nit. Sales Corp.	Gulf ports	Tocopilla, Chile.	Ballast	.....
Canada [2]	21	21	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	498
Republic [8]	20	...	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	2,172
P-10 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Patricia [2]	21	22	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,373
Greystoke Castle [2]	21	22	Brit.	Barber Line	New York, N. Y.	Manila, P. I.	General	1,969
Gracia	21	22	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	1,155
Arizonan	22	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,819
Harbledown	21	22	Brit.	J. & C. Harrison	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Maine	22	22	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	General	5,227
Peter Hurll [1] [2]	22	22	Pan.	W. Tankschiff Rhed'i.	Fawley, England	Talara, Peru	Ballast	.....
San Simeon	21	22	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	3,233
Pennington Court.	22	22	Brit.	Canadian Transp. Co.	Port Royal, Jam.	Vancouver, B. C.[15]	Ballast	.....
Antofagasta	22	22	Chile.	Cia. Chile Nav. Inter.	New York, N. Y.	Valparaiso, Chile.	Sugar, iron	4,557
Durazzo	14	22	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	993
Point Caleta	22	22	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	6,500
Roanoke [1]	22	23	Amer.	The Texas Co.	Pt. Arthur, Tex.	Shanghai, China	([19])	8,935
Real [2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] Sailboat. [14] Dredge. [15] For orders. [16] Slag, salt, general. [17] Automobiles, steel, general. [18] Sulphate of ammonia and potash. [19] Lubricating oil, kerosene.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Tuira [2]	21	...	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	21	...	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	22	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [14]	.....	.....
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Seattle [2]	22	23	Ger	Hamburg-Amer. Line.	Hamburg, Ger	Seattle, Wash.	General	5,410
Salvador	17	23	Brit	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	460
Canadian Victor	17	23	Brit	Can. Nat. Steamships.	Halifax, N. S.	Auckland, N. Z.	([15])	3,541
Yrsa [2]	22	23	Dan	J. Lauritzen	Havre, France	Valparaiso, Chile.	Ballast	.....
Kongo Maru [2]	22	23	Jap	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Gen., cotton.	7,079
Walter A. Luckenbach.	23	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Autos, gen.	1,188
Chincha	22	24	Amer.	Grace Line	Philadelphia, Pa.	Talcahuano,Chile	Gen., explos.	2,492
Iris	22	23	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	100
Saale [2]	23	23	Ger	North German Lloyd.	Hamburg, Ger	Corral, Chile	General	6,508
San Diego	23	24	Fr	French Line	Havre, France	Vancouver, B. C.	General	4,905
Istmo	22	24	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Steel Trader	24	24	Amer.	Isthmian S. S. Lines	Swansea,England	Vancouver, B. C.	Steel, gen	4,277
Coptic [2]	24	26	Brit.	Shaw, Savill, & Albion	London, England	New Zealand	Ballast	.....
Eagle [1]	24	25	Amer.	West India Oil Co.	Aruba, D. W. I.	Los Angeles, Cal.	Fuel oil	9,538
Marietta	23	24	Greek	N. Eustathiou & Co.	Emden, Germany	Vancouver, B. C.	Ballast	.....
Gen. G. W. Getty [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
Cape Horn [2]	24	25	Brit.	Lyle Shipping Co.	London, England	Vancouver, B. C.	Ballast	.....
Marore	24	25	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Tulsagas [1]	24	25	Amer.	Associated Oil Co.	Bayonne, N. J.	S. Francisco, Cal.	Lub. oil	2,534
California State [1 3]	25	27	Amer.	State of California	Houston,Tex.	S. Francisco, Cal.	Ballast	.....
Naruto Maru [2]	25	25	Jap	Nippon Yusen Kaisha.	New York, N. Y.	Moji, Japan	([16])	6,623
Cuyama [2]	23	25	Amer.	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	Ballast	.....
Boskoop	25	25	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger	Corral, Chile	General	4,901
Havenstein	24	25	Ger	Hamburg-Amer. Line.	Galveston, Tex.	Japan	Cotton, steel	8,804
Leticia [3]	21	25	Pan	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	Ballast	.....
Bordeaux Maru	25	25	Jap	K. Line	New York, N. Y.	Kobe, Japan	([17])	7,797
Californian [1 2]	25	25	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,013
Tela	25	25	Nor	United Fruit Co.	Baltimore, Md.	Pto.Arm'les, R.P.	([18])	2,900
Skeena [1 2]	26	28	Brit.	British Government.	Kingston, Jam.	Victoria, B. C.	Ballast	.....
Vancouver [1 2]	26	28	Brit.	British Government.	Kingston, Jam.	Victoria, B. C.	Ballast	.....
Socony Vacuum [1]	26	26	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Golden Harvest	26	27	Amer.	Isthmian S. S. Lines	Baltimore, Md.	S. Francisco, Cal.	R. R. rails	7,953
Feltre [2]	26	26	Ital	Nav. Libera Triestina.	Trieste, Italy	Vancouver, B. C.	General	796
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. barges	.....
Frank [3]	26	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	.....
Felix Taussig	26	27	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,984
Susan V. Luckenbach.	26	27	Amer.	Luckenbach Line	Philadelphia, Pa.	Seattle, Wash.	General	3,162
Point Ancha	26	27	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	1,998
Santa Inez [2]	27	28	Amer.	Grace Line	New York, N. Y.	Valparaiso,Chile	General	1,672
Argual	26	27	Hond.	United Fruit Co.	Baltimore, Md.	Pto.Arm'les, R.P.	Ballast	.....
Aldington Court [2]	27	27	Brit.	United Brit. S. S. Co.	Paulsboro, N. J.	Adelaide, Aus'lia.	General	7,631
Rolling Stone [6]	27	...	Pan	Robert Wilcox	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
President Monroe.	28	28	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	([19])	3,608
Beloit [3]	26	28	Hond.	M. Eden	Roatan, Hond.	Amapala, Hond.	Ballast	.....
San Blas	24	29	Pan	United Fruit Co.	New York, N. Y.	Pto.Arm'les, R.P.	Ballast	.....
Buffalo Bridge	27	28	Amer.	Nelson Line	New York, N. Y.	S. Francisco, Cal.	General	2,297
Charles Christenson.	28	28	Amer.	Sudden & Christenson	New York, N. Y.	Seattle, Wash.	General	4,963
Meton [1]	28	28	Amer.	Shell Oil Co	Perth A'boy, N. J.	Los Angeles, Cal.	Ballast	.....
Trois Ilets	3	28	Fr	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Makiki	28	28	Amer.	Isthmian S. S. Lines	New York, N. Y.	Honolulu, T. H.	General	1,911
Harborough	28	28	Brit.	Canadian Transp. Co	Newcastle, Eng.	Estevan [21]	Ballast	.....
City of Canberra	28	29	Brit.	Ellerman & Bucknall.	Halifax, N. S.	Sydney, Aust'lia	General	5,124
Brynje [2]	28	28	Nor	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Nitrate, salt	3,090
Commissarie Ramel.	28	28	Fr	Messageries Marit'es.	Marseilles, Fr.	Noumea, N.Caled	([20])	1,071
Panaman	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,726
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	.....
Chimu [2]	28	29	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,560
Canadian Highlander.	28	29	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Adelaide, Aus'lia.	Autos, paper	3,007
Port Hobart [2]	28	29	Brit.	Port Line	London, England	Dunedin, N. Z.	General	3,926
Bethore	28	29	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Iris	28	29	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	40
Nollington Court	29	29	Brit.	Haldin & Phillips, Ltd	Barry, England	Vancouver, B. C.	Ballast	.....
City of Mobile	29	29	Brit.	Norton Lilly & Co.	Philadelphia, Pa.	Manila, P. I.	General	1,195
San Lucas	28	29	Amer.	Pac. Atlantic S. S. Co.	Norfolk, Va.	Portland, Oreg.	Autos, gen.	3,810
Pacific Grove [2]	29	29	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,085
Augsburg	29	29	Ger	North German Lloyd.	Tampico, Mexico.	Adelaide, Aus'lia.	General	7,062

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [12] Cruiser. [13] School ship. [14] For bananas and return to Cristobal. [15] Automobiles, paper, general. [16] Lubricating oil, steel, etc. [17] Cotton, phosphate. [18] Rails, lumber. [19] Automobiles, liquor, general. [20] Cement, iron, general. [21] For orders.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Real [2]	28	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	28	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	28	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Calmar	29	30	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	8,202
BonningtonCourt [2]	29	30	Brit.	Canadian Transp. Co.	Halifax, N. S.	Vancouver, B. C.	Coal, gen	2,300
El Mirlo [1] [2]	29	30	Brit.	Lobitos Oilfields, Ltd.	Newport, Eng.	Cabo Bl'co, Peru	Ballast	.....
McDounough [9]	30	1	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Tuscaloosa City	29	30	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	General	6,984
Willkeno	30	30	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Tacoma, Wash.	General	3,211
Edgar F. Luckenbach.	30	30	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,567
Cali	28	30	Ger	North German Lloyd	Cartagena, Col.	Guayaquil, Ecua.	General	717
Caithness [2]	30	30	Brit.	Anglo-Can. S. S. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Grenland	25	30	Nor	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	795
Pajala [2]	30	30	Swed.	Chile Nit. Sales Corp.	Wilmington, N. C.	Tocopilla, Chile	Ballast	.....
Titanian [2]	29	31	Brit.	J. J. Moore & Co.	Barry, England	S. Francisco, Cal.	Ballast	.....
Nuevo Panama [2]	29	30	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	220
C. A. Canfield [1]	30	31	Amer.	Standard Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
City of Brisbane	31	31	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Adelaide, Aus'lia.	General	3,932
Leticia [3]	28	31	Pan	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	1
American Eagle	31	31	Amer.	Stauffer Chemical Co.	Pt. Sulphur, La.	Oakland, Calif.	Sulphur	6,340
Istmo	30	31	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	290
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	PedroMiguel, C.Z.	Tow. barge	.....
J-10 [5]	..	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Oregon Express [2]	31	1	Nor	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	.....
Pennmar	1	1	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Steel, gen	6,971
Tenyo Maru [2]	1	1	Jap.	Mitsui & Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Devon City [2]	1	1	Brit.	Reardon-Smith Line.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Missourian [2]	1	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	Gen., acids	3,803
Tuira [2]	31	.	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Silverteak [2]	1	2	Brit.	Silver Line	Halifax, N. S.	Pt. Swettenham, Str. Settlement	General	6,187
Larchbank [2]	1	2	Brit.	Andrew Weir & Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Persephone [1] [2]	1	2	Pan	Panama Transp. Co.	Caripito, Venez.	Antof'gasta, Chile	([13])	10,652
Innaren [2]	2	2	Swed.	TransatlanticShip.Co.	Portland, Me.	Los Angeles, Calif.	Ballast	.....
Barrington Court	2	2	Brit.	Haldin & Philipps	Barry, England	Vancouver, B. C.	Ballast	.....
Santa Clara	1	3	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,433
Steelore	2	2	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Trontolite [1] [2]	2	3	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	([14])	2,206
Jevington Court	2	2	Brit.	Haldin & Philipps	Birkenhead, Eng.	Stockton, Calif.	Ballast	.....
Orduna	2	3	Brit.	Pacific Steam Nav.Co.	Liverpool, Eng.	Talcahuano, Chile	General	2,170
Onondaga	2	3	Amer.	Ford Motor Co.	Chester, Pa.	S. Francisco, Cal.	Auto. parts	2,322
K. R. Kingsbury [1]	2	3	Amer.	Standard Oil Co.	Galveston, Tex.	S. Francisco, Cal.	Ballast	.....
Grainton	3	3	Brit.	R. Chapman & Son	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Hagan [1]	3	3	Amer.	Shell Oil Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
F. J. Luckenbach	3	3	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,400
Romsdalshorn	3	3	Nor	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	.....
Santa Rosa	3	4	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Coffee, gen	3,161
L. A. Christenson [2]	3	3	Nor	Wessel, Duval & Co.	Baltimore, Md.	SanAntonio, Chile	General	998
Spencer Kellogg [1]	3	3	Amer.	Kellogg S. S. Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Chateau Thierry [5]	3	..	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	432
Tamaroa	3	4	Brit.	Shaw, Savill & Albion.	London, England	Auckland, N. Z.	General	4,428
Col. Riche [5]	..	..	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Astoria [2]	3	4	Dan.	Isbrandtsen Moller	Baltimore, Md.	Iloilo, P. I.	General	6,430
Mauna Kea	3	4	Amer.	Matson S. S. Co.	Philadelphia, Pa.	Honolulu, T. H.	Gen., autos	2,060
Madrono [1]	3	4	Nor	Standard Oil Co.	Aruba, D. W. I.	Talcahuano, Chile	Fuel oil	7,864
Bronnoy [2]	4	4	Nor	Anglo-Can. S. S. Co.	Boston, Mass.	Vancouver, B. C.	Ballast	.....
Henry D. Whiton	4	4	Amer.	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	6,400
Bochum	3	4	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	5,749
Laurits Swenson [2]	4	5	Nor	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	4,934
Peter Kerr	4	4	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	Autos, gen	2,764
Lochgoil [2]	4	5	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	3,053
Dakotan	4	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,286
West Cape	5	5	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,482
Chilore	5	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Port Gisborne [2]	5	5	Brit.	Com'lth & Dom. Line.	Liverpool, Eng.	Dunedin, N. Z.	General	5,711
Antonio	5	5	Brit.	M. Louis Duches	Bermuda, B. W. I.	Yawata, Japan	Scrap iron	3,230
Chester Sun [1] [2]	5	5	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Sona [2]	4	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	4	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	4	...	Pan	Elliot Shio. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Santa Maria [1]	4	6	Amer.	Union Oil Co.	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Calgarolite [1] [2]	5	6	Brit.	Imperial Oil Co.	Belfast, Ireland	Talara, Peru	Ballast	.....
Point Brava	6	6	Amer.	Gulf-Pacific Line	Houston, Tex.	Tacoma, Wash.	General	4,971
Manizales	4	7	Ger	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	618
West Nilus	6	6	Amer.	McCormick S. S. Co.	Rosario, Arg.	Seattle, Wash.	General	4,716
Sanyo Maru [2]	6	6	Jap.	Osaka Shosen Kaisha	New York, N. Y.	Moji, Japan	General	6,790
Acajutla	[illegible]	6	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	356

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] Fuel and Diesel oil. [14] Gasoline, lubricating oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Elbe [2]	6	6	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	5,149
Laura	6	7	Dan.	J. Lauritzen	Haifa, Palestine.	Valparaiso, Chile.	Ballast	
Tresillian	6	7	Brit.	Hain S. S. Co.	Novor'k, U.S.S.R.	Tacoma, Wash.	Gold ore	8,000
Leticia [3]	4		Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Trondanger [2]	6	7	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	14
Tai Ping Yang [2]	7	7	Pan.	Barber-Wilhelmsen	New York, N. Y.	Los Angeles, Cal.	([15])	4,774
Strassa [2]	7	7	Swed.	Chile Nit. Sales Corp.	Wilmington, N. C.	Tocopilla, Chile.	Ballast	
Agira	6	8	Ger.	North German Lloyd	Bremen, Germany	Champ'ico, Guat.	General	2,706
Friesland [2]	7	7	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Kokura, Japan.	([15])	8,481
Rajahstan	7	7	Brit.	Montreal Shipping Co.	Barry, England	Vancouver, B. C.	Ballast	
Tilthorn	7	7	Nor.	Chile Nit. Sales Corp.	Jacksonville, Fla.	Chile	Ballast	
King Arthur [2]	7	8	Brit.	J. J. Moore & Co.	Cardiff, England	Estevan [13]	Ballast	
Wales Maru	8	8	Jap.	Kawasaki S. S. Co.	New York, N. Y.	Yokohama, Japan	([16])	7,548
Brandanger [2]	8	8	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg	Vancouver, B. C.	([17])	5,531
Steel Voyager	8	8	Amer.	Isthmian S. S. Lines	Mobile, Ala.	S. Francisco, Cal.	([18])	8,758
Texan	8	8	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,550
Pereira	7	8	Pan.	Elliot Ship. & Land Co.	Goth'burg, Swed.	B'ventura, Col.	Salt, gen.	1,158
Timber Rush	8	12	Amer.	Shepard S. S. Co.	Boston, Mass.	Portland, Oreg.	General	5,197
Plow City	7	8	Amer.	Nelson Line	Philadelphia, Pa.	Seattle, Wash.	General	2,097
Asbjorn [2]	8	8	Dan.	Mallory Transp. Lines	Galveston, Tex.	Powell Riv., B. C.	Sulphur	1,000
Damsterdijk [2]	8	9	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	1,229
Dale [9]	9	11	Amer.	U. S. Navy	Miami, Fla.	San Diego, Calif.	Ballast	
Orotava	8	10	Hond.	United Fruit Co.	Baltimore, Md.	Pto.Arm'les, R.P.	Ballast	
Hadiotis	9	9	Greek	Anglo-Can. Ship. Co.	Newp't News, Va.	Vancouver, B. C.	Ballast	
R. J. Hanna [2]	9	9	Amer.	Standard Oil Co.	New York, N. Y.	S. Francisco, Cal.	Lub. oil	4,769
Tasmania [2]	9	9	Dan.	Westralian Farmers	Galveston, Tex.	Fremantle, Au'lia	Sulphur	7,300
Uffington Court	9	9	Brit.	Anglo-Can. Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Killerig [4]	9	9	Pan.	Merritt, Chap. & Linds.	Kingston, Jam.	Acajutla, Salv.	Ballast	
Paul Luckenbach	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,235
Heffron	9	9	Amer.	Pac. Coast Direct Line	New York, N. Y.	Seattle, Wash.	([19])	4,490
No. 1 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Enoch [3]	9		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
President Van Buren.	10	10	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal	Autos, gen.	7,644
Washington [2]	9	10	Fr.	French Line	Antwerp, Belg.	Vancouver, B. C.	General	5,862
Wido	9	10	Ger.	North German Lloyd.	Mobile, Ala.	Brisbane, Aus'lia.	General	7,382
Virginia	10	11	Amer.	Panama Pacific Line	New York, N. Y.	S. Francisco, Cal	General	2,942
Amerika [2]	10	10	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	([20])	590
Santa Rita [2]	10	10	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,563
Canadian Constructor.	9	10	Brit.	Can. Nat. Steamships.	Halifax, N. S.	Wellington, N. Z.	General	4,724
Osnabrueck [2]	10	10	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	Gen., cement	4,534
Axel Johnson [2]	10	11	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	([21])	3,699
Greylock	10	10	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen.	3,227
Gen. G. W. Getty [1]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sveajarl [2]	10	11	Swed.	Anglo-Can. Ship. Co.	Tampico, Mex.	Williamsh'd, B.C.	Ballast	
Kishacoquillas [3]	10	11	Amer.	U. S. Tankship Corp.	New York, N. Y.	Seattle, Wash.	Creosote, tar	6,780
President de Vogue. [1] [2]	10	11	Nor.	Comp. des Prod. Chem. et Raffin. de Berre.	Port de Bouc, Fr.	Talara, Peru	Ballast	
Bradfyne	11	11	Brit.	Leeds Shipping Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	
D. L. Harper [1] [2]	11	11	Pan.	W. Tankschiff Rhed'i.	Rotterdam, Neth.	Talara, Peru	Ballast	
Kansan	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,541
Mayan	7	12	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	509
Cumbal [2]	11	12	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,346
Alamar	11	12	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Steel, gen.	6,125
Argual	12	12	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R. P.	Ballast	
Absaroka	12	12	Amer.	McCormick S. S. Co.	Boston, Mass.	Seattle, Wash.	General	2,532
Istmo	5	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	303
Reginolite [1] [2]	12	12	Brit.	Imperial Oil Co.	Maturin Bar, Ven.	Tocopilla, Chile.	Crude oil	12,021
Point Vincente	12	12	Amer.	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal	([22])	6,377
Shinko Maru [2]	12	12	Jap.	Kawasaki K. Kaisha.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Winkleigh	12	12	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
J-26 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Sambu [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Virgilio [2]	12	13	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	384
Fencliff [2]	12	13	Nor.	Fern Line	Port Tampa, Fla.	Kobe, Japan	Phos. rock	7,024
Tekoa	13	13	Brit.	N. Z. Shipping Co.	Middlesb'gh, Eng.	N. Plymouth, N.Z.	General	7,451
Pacific Enterprise [2]	13	13	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	908
Lapwing [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Manley [9]	12		Amer.	U. S. Navy	Honduras	Balboa, C. Z.	Ballast	
Ardangorm	12	13	Brit.	The Ardan S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Trois Ilets	3	13	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	14
Erviken	12	14	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	
Magnolia [1]	14	14	Amer.	Stand. Vac. Oil Co.	New York, N. Y.	S. Francisco, Cal.	Ballast	
Komaki Maru [2]	14	14	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, zinc.	7,077

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [9] Destroyer. [10] Mine sweeper. [13] For orders. [14] For bananas and return to Cristobal. [15] Scrap iron, general. [16] Phosphate, cotton, etc. [17] Maize, coffee, general. [18] Steel rails and plates. [19] Automobiles, steel, general. [20] Peatmoss, general. [21] Paper, cement, etc. [22] Steel, lumber, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
District of Columbia.[1]	14	14	Amer..	Standard Oil Co.....	Tiverton, R. I...	Estero Bay, Calif.	Ballast.....	.....
Wentworth.....	14	14	Brit...	Anglo-Can. Ship. Co..	Port Royal, Jam..	Williamsh'd, B.C.	Ballast.....	.....
Svealand[2].....	14	14	Swed..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Exilona.....	13	14	Amer..	Calmar Line.....	Philadelphia, Pa.	Tacoma, Wash...	Steel, gen...	7,687
J-52[5].....	..	..	Amer..	U. S. Army.....	Cristobal, C. Z...	Gatun, C. Z....	Ballast.....	.....
Alkmaar.....	14	15	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger...	Talcahuano, Chile	General.....	2,726
San Marcos.....	14	14	Amer..	Quaker Line.....	New York, N. Y.	Seattle, Wash....	General.....	3,500
Cerigo.....	14	14	Ger...	Hamburg-Amer. Line.	Manaure, Col....	Guayaquil, Euca.	Coffee, lard.	500
Tofuku Maru....	14	14	Jap...	Kokusai Kisen Kaisha	Boca Gr'de, Fla..	Seikoshin, Japan.	Phos. rock...	7,298
Laguna[2].....	14	15	Brit...	Pacific Steam Nav.Co.	Hull, England...	Coronel, Chile...	General.....	2,825
Daylight[1 2].....	14	15	Amer..	Socony Vac. Oil Co...	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Knoxville City...	15	15	Amer..	Isthmian S. S. Lines..	Portland, Me....	Vancouver, B. C.	Steel, gen...	4,057
Point Sur.....	14	15	Amer..	Luckenbach Line....	Mobile, Ala.....	S. Francisco, Cal.	General.....	3,924
Dalhanna.....	14	15	Brit...	Anglo-Can. S. S. Co...	Barry, England	Vancouver, B. C.	Ballast.....	.....
Taranger[2].....	15	15	Nor...	Interocean S. S. Co...	Rotterdam, Neth.	Vancouver, B. C.	Magnesite...	5
Katrina Luckenbach.	15	15	Amer..	Luckenbach Line....	New Orleans, La.	Seattle, Wash....	General.....	6,030
Jane Christenson..	15	15	Amer..	Arrow Line.....	Baltimore, Md...	Seattle, Wash....	General.....	4,604
Foylebank[2].....	15	15	Brit...	Bank Line, Ltd.....	Philadelphia, Pa.	Shanghai, China.	General.....	2,409

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Steelore.....	16	16	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore.....	21,400
Atlantic City....	15	16	Brit...	Reardon-Smith Line..	Vancouver, B. C.	Cardiff, Wales...	General.....	8,552
Tofuku Maru....	15	16	Jap...	Kokusai Kisen Kaisha	Hinigaran, P. I...	New Orleans, La.	Sugar.....	7,000
Saarland.....	16	16	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General.....	8,118
Romadalshorn...	16	16	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Savannah, Ga...	Nitrates....	10,340
Salmonpool.....	16	16	Brit...	Empire Shipping Co..	Vancouver, B. C.	Antwerp, Belgium	Grain.....	8,027
Petter[1 2].....	16	16	Nor...	Raffineres de Barre...	Talara, Peru.....	Port de Bouc, Fr.	Crude oil....	14,272
Columbian.....	16	16	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,750
Taronga[2].....	15	16	Nor ..	Wilh. Wilhelmsen....	Newcastle, N.S.W	London, England	General.....	7,705
Santa Rosa.....	16	17	Amer..	Grace Line.....	S. Francisco, Cal.	New York, N. Y.	General.....	3,947
Ethel Radcliffe...	16	17	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	Manchester, Eng.	General.....	8,419
Harpalion.....	16	17	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lumber, gen.	8,750
Pacific Ranger[2]..	17	17	Brit...	Furness, Withy & Co.	Victoria, B. C....	Glasgow, Scot...	General.....	8,420
Pearlmoor.....	17	17	Brit...	W. Runciman & Co...	Vancouver, B. C.	Port Royal, Jam.	Wheat.....	7,770
Hansa[1 2].....	17	21	Ger...	German Navy.....	La Paz, Mexico..	Kingston, Jam...	Fuel oil.....	3,000
Julia Luckenbach.	17	17	Amer..	Luckenbach Line....	Seattle, Wash....	Boston, Mass....	General.....	8,683
Stamos.....	17	17	Greek.	Cia. Chile Nav. Inter.	Arica, Chile.....	New York, N. Y.	Ores, gen....	5,689
Salvador.....	17	23	Brit...	Pac. Steam Nav. Co..	Champ'ico, Guat.	Cristobal, C. Z...	General.....	544
Badjestan.....	17	17	Brit...	Common Bros.....	Vancouver, B. C.	Rotterdam, Neth.	Wheat.....	8,345
W. R. Keever....	17	18	Amer..	Dutton Lumber Co..	Tacoma, Wash...	Po'keepsie, N. Y.	Lumber.....	7,200
President Herrenschmidt.[1 2]	17	18	Nor...	Pechelbronn.....	Talara, Peru.....	Port de Bouc, Fr.	Crude oil....	13,299
P-10[5].....	17	...	Amer..	U. S. Army.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Winslow[5].....	17	...	Amer..	U. S. Army.....	Balboa, C. Z.....	Cristobal, C. Z...	.....	.....
Evinos.....	17	18	Greek.	S. Livanos & Co.....	Pta. Chic'ma, Peru	Marseilles, Fr....	Sugar.....	8,018
Trepca.....	17	18	Y-Slav.	Lautaro Nitrate Co...	Taltal, Chile.....	Azores[1 3].....	Nitrates....	8,550
San Jose.....	18	19	Fr....	French Line.....	Vancouver, B. C.	Rotterdam, Neth.	General.....	6,320
Oregonian.....	18	18	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	Boston, Mass....	General.....	7,121
Point Chico.....	18	18	Amer..	Swayne & Hoyt.....	Seattle, Wash....	Corpus Ch'ti, Tex.	Gen., lumber	6,407
Santa Clara.....	17	18	Amer..	Grace Line.....	San Antonio, Chile	New York, N. Y.	General.....	4,005
Tacoma City....	18	18	Brit...	East Asiatic Co.....	Dairen, China...	Cobh, I. F. S.[1 3]..	Soy beans...	8,100
Wichita[2].....	17	19	Amer..	Roosevelt S. S. Co....	Palupandan, P. I.	New York, N. Y.	General.....	7,830
Benledi.....	18	19	Brit...	Geo. Scales & Co....	Picton, N. Z.....	London, England	Wool.....	3,408
Soya Maru[2].....	18	19	Jap...	Kawasaki K. Kaisha..	Shanghai, China.	Baltimore, Md...	General.....	4,842
Chilore.....	19	19	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,500
Atlantis.....	19	19	Brit...	Royal Mail Lines.....	Los Angeles, Cal.	S'ampton, Eng...	Passengers..	.....
Europa[2].....	19	19	Dan...	East Asiatic Co.....	Vancouver, B. C.	London, England	General.....	9,123
Paula.....	18	19	Dan...	West Coast Line.....	Valparaiso, Chile.	Habana, Cuba...	Gen., nitrates	2,472
Cellina[2].....	18	20	Ital...	Nav. Libera Triestina.	Vancouver, B. C.	Trieste, Italy....	General.....	6,464
Marian Otis Chandler.	18	19	Amer..	Matson S. S. Co.....	Hilo, T. H.....	New York, N. Y.	Pineapples..	7,964
El Ciervo[1].....	18	19	Brit...	C. T. Bowring & Co...	La Libertad, Ecu.	Ellesmere, Eng...	Crude oil....	8,326
Deroche[1].....	18	19	Amer..	Union Oil Co. of Calif.	Los Angeles, Cal.	Sewaren, N. J....	Gasoline....	10,633
President Taft...	20	20	Amer..	Dollar Line.....	Manila, P. I.....	New York, N. Y.	General.....	8,163
Emden[1 2].....	20	21	Ger...	German Navy.....	Corinto, Nic.....	Kingston, Jam...	.....	.....
Franz Klasen[1 2]	19	20	Pan...	W. Tankschiff Rhed'i.	Talara, Peru.....	Rotterdam, Neth.	([1 4])	17,538
Kurama Maru[2]..	19	20	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	Galveston, Tex..	General.....	7,945
Wairangi[2].....	19	20	Brit...	Shaw, Savill & Albion.	Wellington, N. Z.	London, England	Frozen, gen..	7,999
Heimvard[2].....	19	20	Nor...	East Asiatic Co.....	Dairen, China...	Cobh, I. F. S.[1 3]..	Soy beans...	8,450
Willsolo.....	20	20	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	New York, N. Y.	Gen., lumber	8,949
Nagara Maru[2]..	20	21	Jap...	Nippon Yusen Kaisha.	Hongkong, China	Baltimore, Md...	General.....	3,980
Zrinski.....	20	20	Y-Slav	Westm'ster Bank, Ltd	Iquique, Chile...	Azores.[1 3].....	Nit. of soda..	8,420
Oakland[2].....	20	21	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General.....	7,291
Dorset[2].....	20	20	Brit...	Fed. Steam Nav. Co..	Dunedin, N. Z...	London, England	Refrig., gen..	6,222

[1] Tanker. [2] Motor ship. [5] Launch. [1 2] Cruiser. [1 3] For orders. [1 4] Gasoline and gasoil.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Eli	20	21	Nor	Jordensen Rederi A/S.	Tocopilla, Chile	Azores [13]	Nitrates	7,620
San Rafael	21	21	Amer.	States S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	7,248
Sambu [2]	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Sona [2]	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Real [2]	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Arandora Star	21	21	Brit.	Blue Star Line	Honolulu, T. H.	S'ampton, Eng.	Passengers	.....
Gothic Star	21	22	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Refrig., gen.	4,807
Tuira	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	65
Leticia	21	25	Pan	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	63
General M. H. Sherman.	21	21	Amer.	Matson S. S. Co.	Honolulu, T. H.	New York, N. Y.	General	9,073
Venice Maru	21	22	Jap	Kawasaki K. Kaisha.	Tsingtao, China.	Houston, Tex.	General	4,960
Winslow [5]	21	22	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Shinko Maru [2]	21	22	Jap	Kawasaki K. Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	6,039
Cali	22	23	Ger	North German Lloyd	Guayaquil, Euca.	Cristobal, C. Z.	General	710
Iris	22	23	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	823
Orbita	22	23	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	General	4,793
Istmo	22	24	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	410
Erviken	22	23	Nor	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nitrates	10,350
Ohioan	22	22	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,258
Svealand [2]	22	23	Swed	Ore S. S. Corp	Cruz Gr'de, Chile	Sparrows Pt., Md.	Iron ore	22,000
Cuyama [1]	22	25	Amer.	U. S. Navy	Los Angeles, Cal.	Coco Solo, C. Z.	Gasoline	7,834
Cumbal [2]	22	23	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,168
Awobasan Maru [2]	22	23	Jap	Mitsui Bussan Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	6,248
Asbjorn [2]	23	23	Dan	Mallory Transp. Line.	Powell Riv., B. C.	Houston, Tex.	([14])	6,127
Kwanto Maru [2]	22	23	Jap	Osaka Shosen Kaisha.	Hongkong, China	New York, N. Y.	Tin, general	5,821
Moveria [2]	23	23	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General	5,547
Losmar	23	23	Amer.	Calmar Line	Portland, Oreg.	Baltimore, Md.	Lumber	7,836
Arlington Court	23	23	Brit.	Anglo-Can. Ship. Co.	British Columbia.	Cardiff, Wales	([15])	7,250
Palatia [2]	23	24	Ger	Hamburg-Amer. Line.	Pt. Angel, Mexico	Hamburg, Ger.	General	2,635
Mount Atlas	23	23	Greek	Anglo-Can. Ship. Co.	Vancouver, B. C.	Glasgow, Scot.	([16])	7,417
Winslow [5]	23	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Virginia	23	24	Amer.	Panama-Pacific Line.	S. Francisco, Cal	New York, N. Y.	General	7,489
Rossington Court	23	24	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	([17])	10,025
Ensley City	23	24	Amer.	Isthmian S. S. Lines	N. Westm'er, B.C.	Swansea, Eng.	General	8,389
Katrina Luckenbach.	24	24	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	9,838
Mataroa	24	25	Brit.	Shaw, Savill & Albion.	Auckland, N. Z.	London, England	Frozen, gen.	4,370
Hegira	24	24	Amer.	Weyerhaeuser S. S. Co.	Seattle, Wash.	Newark, N. J.	Lumber, gen.	10,400
Santa Rita [2]	24	24	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,420
Harry Luckenbach	24	24	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,800
Jedmoor [2]	24	24	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	London, England	([17])	7,650
Suriname	24	24	Amer.	United Fruit Co.	Guayaquil, Ecua.	Mobile, Ala.	Bananas	1,000
Wiegand	24	24	Ger	North German Lloyd	Sydney, Aust'lia.	Baltimore, Md.	General	7,357
Amastra [1] [2]	24	24	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End, Eng. [13]	Gasoline	11,587
Nebraska	24	25	Brit.	Royal Mail Lines	Victoria, B.C.	Rotterdam, Neth.	([18])	7,072
Democracy	24	25	Amer.	Nelson S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,000
Houston City [2]	25	25	Brit.	Sir W. R. Smith & Son	Tsingtao, China.	Rotterdam, Neth.	([19])	8,815
Grenland	25	30	Nor	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	645
Lake Gorin	25	25	Amer.	Dutton Lumber Co.	Westport, Oreg.	Po'keepsie, N. Y.	Lumber	2,600
District of Columbia. [1]	25	25	Amer.	Standard Oil Co.	Los Angeles, Cal.	Tiverton, R. I.	Fuel oil	9,561
Weser [2]	25	26	Ger	North German Lloyd	Vancouver, B. C.	Hamburg, Ger.	General	8,185
Alberto Haverbeck	25	25	Chile	Haverbeck & Skalweit	Talcahuano, Chile	Hamburg, Ger.	Oats, peas	2,335
Luossa [2]	25	25	Swed	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nit. of soda	8,370
Point Judith	25	26	Amer.	Swayne & Hoyt	Seattle, Wash.	Lake Charles, La.	General	6,696
Curaca	25	26	Amer.	Grace Line	Talcahuano, Chile	Gulfport, Miss.	Nitrates	4,750
Punta Arenas	26	26	Chile	Cia. Chile Nav. Inter.	Valparaiso, Chile.	New York, N. Y.	Ores, general	5,326
Pennsylvanian	26	26	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,925
Vermar	26	26	Amer.	Calmar S. S. Corp.	Seattle, Wash.	New York, N. Y.	Lumber	8,726
Tai Ping [2]	25	27	Nor	Barber-Wilhelmsen.	Davao, P. I.	New York, N. Y.	General	7,151
Skramstad [2]	26	27	Nor	Fern Line	Bacolod, P. I.	Cape Hatteras [13]	Sugar	7,500
Fernhill [2]	26	27	Nor	Fern Line	Iloilo, P. I.	Cape Hatteras [13]	Sugar	7,250
Montrolite [1] [2]	26	27	Brit.	Imperial Oil Co., Ltd.	Lobitos, Peru	Halifax, N. S.	Crude oil	15,400
Birmingham City.	26	27	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	Baltimore, Md.	General	8,416
S-11 [7]	27	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Chr. Knudsen [2]	27	27	Nor	Anglo-Can. Ship. Co.	Englewood, B. C.	Boston, Mass.	Lumber	7,500
Tabian [2]	27	27	Neth.	Pac.-Java-Bengal Line	Vancouver, B. C.	Calcutta, India	Lumber, gen.	7,293
J. A. Mowinkel [1] [2]	27	27	Pan	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	16,669
Hakonesan Maru [2]	27	28	Jap	Mitsui & Co.	Guiwanon, P. I.	New York, N. Y.	General	7,652
Iris	28	29	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	205
Real [2]	28	29	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Leticia [2]	28	31	Pan	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Sona [2]	28	29	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	39
Trimountain [1]	28	28	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	8,940
Cerigo	28	29	Ger	Hamburg-Amer. Line.	Guayaquil, Euca.	Cristobal, C. Z.	General	718
Sambu [2]	28	29	Pan	A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	25
Hollywood	27	29	Amer.	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	3,101

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [13] For orders. [14] Newsprint, shingles. [15] Grain, lumber, general. [16] Wheat, lumber, oil. [17] Wheat, lumber. [18] Flour, canned goods. [19] Soy beans, nuts.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Fordsdale	27	28	Brit.	Shaw, Savill & Albion.	N. Plym'th, N. Z.	London, England	Frozen, gen.	6,273
Lautaro [2]	28	29	Brit.	Pacific Steam Nav.Co.	Talcahuano,Chile	Hull, England	General	8,611
Nicoline Maersk [2]	28	29	Den.	Hogarth Sons	Dairen, China	Hull, England	Soy beans	7,500
Filleigh	28	29	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	([14])	8,560
Yearby	29	29	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Falmouth, Eng.	Wheat	9,540
Nuevo Panama [2]	29	30	Pan.	Elliot Ship. & Land Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Washington Express [2]	29	29	Nor.	Fruit Express Line	Seattle, Wash.	Havre, France	Fresh fruit	1,980
Eugenie S. Embiricos.	29	29	Greek.	Canadian Transp. Co	Vancouver, B. C.	Hull, England	([15])	7,900
Harpalyce	29	29	Brit.	G. & C. Harrison	Tocopilla, Chile	Azores [13]	Soda	7,560
Monkleigh	29	29	Brit.	Tatem Steam Nav. Co	Vancouver, B. C.	London, England	Wheat, gen.	9,100
Langleecrag	29	29	Brit.	F. Carrick & Co	SanAntonio,Chile	Carteret, N. J.	Mine ore	8,406
Ruahine	29	29	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	4,383
Peter Hurll [1] [2]	30	30	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Fawley, England	Crude oil	16,464
Mount Pera	29	30	Greek.	Cosmettet Kulukundis	Pt. Alberni, B. C.	New York, N. Y.	Lumber	7,200
Perene	29		Peru.	Cia. Peru. de Vapores.	Callao, Peru	Iquitos, Peru	General	571
Iowan	30	30	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,230
Istmo	30	31	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	400
Bessemer City	30	30	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,480
Wyatt Earp [2]	30	1	Nor.	Wyatt Earp, Ltd.	Little America	Norfolk, Va	Scientific eq.	50
Santa Elena	30	31	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	Coffee, gen.	3,897
George M. Embiricos.	30	30	Greek.	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	9,100
Rangitiki [2]	30	31	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	General	5,945
Carlton	30	31	Brit.	British Can. Ship. Co.	Vancouver, B. C.	Antwerp, Belg.	Wheat	8,410
Rolling Stone [2]	31		Pan.	Robert Wilcox	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Argual	30	31	Hond.	United Fruit Co.	Pto.Arm'les, R.P.	Mobile, Ala	Bananas	1,018
Istok	31	31	J.-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrates	9,020
Knute Nelson [2]	31	31	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,664
Tuira [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Canadian Britisher	31	1	Can.	Can. Nat. Steamships.	Timaru, N. Z.	Halifax, N. S.	Wool, gen	3,181
American Oriole	31	31	Amer.	Puget Sd. Asso. Mills.	Olympia, Wash.	New York, N. Y.	Lumber	7,000
Gaelic Star	31	1	Brit.	Blue Star Line	N.Westm'er,B. C.	Glasgow, Scot.	Forzen, gen.	4,648
J. L. Luckenbach.	31	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,487
S-12 [7]	1		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Mallard No. 44 [4]	1		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
W. M. Delphia [2]	31	2	Hond.	W. S. McNab	Amapala, Hond.	Pto.Castillo,Hon.	Salt	75
American	1	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Newburgh, N. Y.	Lumber, gen.	7,120
Selma City	31	1	Amer.	Isthmian S. S. Lines	Hilo, T. H.	Baltimore, Md.	General	8,496
Santa Maria [2]	1	1	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	3,411
Harpoon	1	1	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,255
Acajutla	1	6	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, specie	575
Winslow [5]	1		Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	
Launch	1		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Nora Maersk [2]	1	2	Dan.	Isbrandtsen MollerCo.	Cebu, P. I.	Baltimore, Md.	General	7,994
Steel Mariner	1	2	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	([16])	8,171
Minerva [2]	2	2	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	East coast, U. S.	Nitrates	9,350
Fernbrook [2]	2	2	Nor.	Fern Line	Hagnaya Bay,P.I	Cape Hatteras [13]	Sugar	8,000
Arizona	2	3	Fr.	French Line	Lebu, Chile	Le Havre, France	([17])	8,105
Buenos Aires [2]	2	4	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	([18])	7,711
Eidsvold [2]	2	3	Nor.	Kawasaki K. Kaisha	Manila, P. I.	New York, N. Y.	General	5,295
Trois Ilets	3	13	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	General	198
Pan Europe [1] [2]	3	3	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D. W. I.	Naphtha, oil.	14,419
Eir	3	3	Nor.	State Marine Corp.	Los Angeles, Cal.	Bremen, Ger.	Cotton	3,917
San Anselmo	3	3	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,002
Mexican	3	3	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	11,711
Pacific Shipper [2]	3	3	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,059
Point Salinas	3	3	Amer.	Swayne & Hoyt	Tacoma, Wash.	Corpus Ch'ti,Tex.	General	6,837
William A. McKenney.	3	3	Amer.	McCormick S. S. Co.	S. Francisco, Cal.	Philadelphia, Pa.	Lumber, gen.	8,695
Point Bonita	3	3	Amer.	Swayne & Hoyt	Seattle, Wash.	Lake Charles, La.	Lumber, gen.	4,264
Santa Maria [1]	2	6	Amer.	Union Oil Co.	S. Francisco, Cal.	Cristobal, C. Z.	([19])	11,870
Tuira [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	65
Sambu [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Sona [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Canadian Reefer [2]	3	4	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Egypt	Fresh fruit	1,360
Katsuragi Maru [2]	3	5	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	7,960
Edward Luckenbach.	4	4	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,801
Yorkmar	4	4	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Philadelphia, Pa.	Lumber	7,350
Iddesleigh	4	4	Brit.	CanadianTransp. Co.	Victoria, B. C.	London, England	General	9,200
Leticia [2]	4	7	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Manizales	4	6	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	631
Oregon [2]	4	5	Fr.	French Line	Portland, Oreg.	Le Havre, France	General	9,273
Amerikaland [2]	3	4	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,350
Manley, No. 74 [9]	5	5	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [13] For orders. [14] Grain, lumber, general. [15] Timber, wheat. [16] Ore, pulp, lumber. [17] Concentrate, nitrates. [18] Grain, coffee, general. [19] Diesel and mineral oils.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Hokkai Maru [2]	4	5	Jap.	Osaka Shosen Kaisha	Iloilo, P. I.	Baltimore, Md.	General	7,111
Empire Star [2]	4	5	Brit.	Blue Star Line	Napier, N. Z.	London, England	Frozen, gen.	8,780
Ary Lensen [2]	5	5	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Albany, N. Y.	Lumber	4,815
Istmo	5	12	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	445
Kentuckian	6	6	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Charleston, S. C.	General	6,715
Samuel Bakke [2]	6	6	Nor.	Scand.-S. Pacific Line.	Talcahuano, Chile	Oslo, Norway	General	7,535
Abana	6	7	Ger.	North German Lloyd.	Champ'ico, Guat.	Hamburg, Ger.	Coffee, gen.	2,150
Vestvard [2]	6	6	Nor.	East Asiatic Co.	Dairen, China	Cobh, I. F. S. [13]	Soy beans	7,100
Manna Ala	6	6	Amer.	Matson-Isthmian	Hilo, T. H.	New York, N. Y.	Pineapples	8,472
Orazio [2]	6	7	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,850
Pennsylvania	6	7	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,747
Cacique	6	7	Amer.	Grace Line	Callao, Peru	New York, N. Y.	General	1,429
Tyr [2]	6	7	Nor.	Canadian Transp. Co.	Port Alice, B. C.	Albany, N. Y.	Lumber	6,550
Amsterdam	6	8	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	12,905
Teal [4]	7	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mayan [2]	7	12	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	831
San Blas	7	7	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,167
Tosca [2]	7	7	Nor.	Knutsen Line	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	6,773
Asuka Maru	7	7	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	New York, N. Y.	General	9,121
Lapwing [4]	7	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Barbara [2]	7	7	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,650
Chateau Thierry [8]	7	8	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Supplies	15
Lochmonar [2]	7	8	Brit.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	9,054
Sirius	5	10	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Gen., lumber	3,249
Alster	7	9	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	10,799
Nordvhal [2]	7	8	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrates	8,250
Parthenia	7	8	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	General	5,485
Surrey	7	8	Brit.	FederalSteamNav.Co.	Opua	London, England	General	7,001
Imperial Valley	8	8	Brit.	I. Modiano Bros.	Dairen, China	Dunkerque, Fr.	Soy beans	7,845
Lebore	9	9	Amer.	Bethlehem Steel Co.	Cruz Gr'de, Chile.	Baltimore, Md.	Iron ore	21,900
Nourmahal [2] [6]	8	9	Amer.	Vincent Astor	Los Angeles, Cal.	New York, N. Y.	Ballast	.....
Vagabondia [2] [6]	8	9	Amer.	W. L. Mellon	Callao, Peru	Miami, Fla.	Ballast	.....
Jacob Luckenbach	8	9	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	Gen., lumber	7,819
Sunoil [1] [2]	9	9	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,649
Alaskan	9	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,507
Pacific	9	9	Amer.	Weyerhaeuser S. S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber	8,183
Caledonia Monarch.	9	10	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Eg.	Nitrates	8,801
Fordefjord [2]	9	10	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S. C.	Nit. of soda	7,910
Dilworth [2]	10	10	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Gasoline	9,209
Cressington Court [2]	10	10	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	7,787
Baldhill [1]	10	10	Amer.	Shell Terminal Corp.	Los Angeles, Cal.	San Juan, P. R.	Gasoline	8,952
Procyon [1] [2]	10	10	Swed.	Purfina, Bruxelles	Estero Bay, Calif.	Dunkerque, Fr.	Crude oil	13,140
Mercury Sun [1] [2]	10	10	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,808
Durazzo	10	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,047
Canadian Cruiser.	10	11	Brit.	Can. Nat. Steamships	Brisbane, Aus'lia.	Halifax, N. S.	Frozen, gen.	3,234
Tregenna	10	11	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrates	7,730
Gen. G. W. Getty [4]	11	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Asosan Maru [2]	10	11	Jap.	Mitsui Bussan Kaisha	Cebu, P. I.	New York, N. Y.	General	7,354
Sambu [2]	10	12	Pan.	A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	15
Mariston	11	11	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nitrates	7,300
Tuira [2]	11	12	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Robert Luckenbach.	11	11	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	7,463
Homeside	11	11	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Pensacola, Fla.	Nitrates	7,309
Iris	11	17	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	920
Dorothy Cahill	11	11	Amer.	Arrow Line	S. Bend, Wash.	New York, N. Y.	Lumber	6,748
Beloit [2]	11	13	Hond.	M. Eden	Amapala, Hond.	La Ceiba, Hond.	Salt	78
Orion [2] [6]	11	12	Amer.	C. Julius Forstmann.	Callao, Peru	New York, N. Y.	Ballast	.....
Royal Arrow [1]	10	12	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Ballast	.....
Hoperange [2]	12	12	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nit. of soda	9,000
Tuscan Star [2]	12	12	Brit.	Blue Star Line, Ltd.	Bluff, N. Z.	London, England	Frozen, gen.	5,792
San Vincente	12	12	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,753
Yrsa [2]	12	13	Dan.	J. Lauritzen, Copen.	Valparaiso, Chile.	Hamburg, Ger.	Apples	1,310
Tela	13	13	Nor.	United Fruit Co.	Pto. Arm'les, R.P.	Cristobal, C. Z.	Ballast	.....
Marore	13	13	Amer.	Ore S. S. Corp.	Cruz G'de, Chile.	Baltimore, Md.	Iron ore	22,200
Garonne [1] [2]	12	13	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Salonica, Greece.	([14])	10,292
Ilvington Court	12	13	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	St. Johns, N. B.	Lumber	5,425
Roda [2]	12	13	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,894
Southern Sun [1] [2]	12	13	Amer.	Sun Oil Co.	El Segundo, Cal.	Marcus Hook, Pa.	Gasoline	13,760
Tercero [2]	13	13	Nor.	Wessel, Duval & Co.	Tocopilla, Chile.	Baltimore, Md.	Nitrates	7,590
Bradglen	13	13	Brit.	Sir W.R.Smith & Sons	Vancouver, B. C.	Cardiff, Wales	General	7,990
Theodore Roosevelt. [2]	13	13	Nor.	Anglo-Can. Ship. Co.	Pt. Alberni, B.C.	Leith, Scotland	([15])	8,671
Hawaiian	13	13	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,642
American Cardinal.	12	13	Amer.	Amer.-For. S.S. Corp.	Grays Har., Wash.	Wilmington, N.C.	([16])	5,300
Hanover	13	13	Amer.	Lykes-Bros.-Ripley	Manila, P. I.	Philadelphia, Pa.	General	8,688

[1] Tanker. [2] Motor ship. [4] Tug. [6] Yacht. [8] Transport. [13] For orders. [14] Gasoline, kerosene. [15] Grain, lumber. [16] Lumber, shingles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
President Pierce	14	14	Amer.	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,966
Trontolite [1] [2]	13	14	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Gasoline	7,523
Calgarolite [1] [2]	14	14	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Crude oil	16,631
Nojima Maru [2]	13	14	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,850
Goolistan	13	14	Brit.	Canada Shipping Co.	Vancouver, B. C.	Hull, England	Wheat	9,900
Embassage	14	14	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Liverpool, Eng.	([14])	8,625
Salvador	14	...	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	306
Orotava	14	14	Hond.	United Fruit Co.	Pto. Arm'les,R.P.	Mobile, Ala.	Bananas	1,070
Ruth	14	15	Swed.	Chile-N. Amer. Line.	Talcahuano,Chile	New York, N. Y.	General	4,568
Arna [2]	14	15	Nor.	J. J. Moore	Manila, P. I.	New Orleans, La.	Sugar	7,500
Chattanooga City	14	14	Amer.	Isthmian S. S. Lines.	N.Westm'er,B.C.	Swansea, Wales.	General	8,133
Santa Paula	14	15	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,586
Lapwing [4]	14	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Steel Worker	14	15	Amer.	Isthmian S. S. Lines.	Kahului, T. H.	Boston, Mass.	General	8,609
Breda	14	15	Neth.	Royal Neth. S. S. Co.	Coquimbo, Chile.	Antwerp, Belg.	Wheat	8,770
Pacific Reliance [2]	14	15	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,926
Horace Luckenbach.	15	15	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,557
Minnesotan	15	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Genreal	7,203
Oakmar	15	15	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	([15])	6,100
Kinugasa Maru [2]	15	16	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Baltimore, Md.	General	7,098
Santa Lucia	14	16	Amer.	Grace Line	Talcahuano.Chile	New York, N. Y.	General	3,712
Elizabeth Kellogg [1]	15	15	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,686
Annie Johnson [2]	15	16	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	General	5,971

[1] Tanker. [2] Motor ship. [4] Tug. [14] Wheat, lumber. [15] Copper, lumber.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of the Fiscal Years 1934-5 and 1935-6

The following is a comparison of traffic at the Suez and Panama Canals for the first eight months of the fiscal years 1934–5 and 1935–6:

Month	Suez Canal Number of transits 1934–5	Suez Canal Number of transits 1935–6	Suez Canal Percent increase	Panama Canal Number of transits 1934–5	Panama Canal Number of transits 1935–6	Panama Canal Percent increase
July	437	487	11.4	394	377	[1] 4.3
August	463	503	8.6	401	395	[1] 1.5
September	468	531	13.5	435	391	[1] 10.1
October	527	604	14.6	467	441	[1] 5.6
November	474	548	15.6	469	418	[1] 10.9
December	466	493	5.8	443	459	3.6
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
Total	3,732	4,170	11.7	3,464	3,405	[1] 1.7

Month	Suez Canal Tolls collected 1934–5	Suez Canal Tolls collected 1935–6	Suez Canal Percent increase	Panama Canal Tolls collected 1934–5	Panama Canal Tolls collected 1935–6	Panama Canal Percent increase
	Thousands	*of francs*		*Thousands*	*of dollars*	
July	65,210	71,730	10.0	1,823	1,684	[1] 7.6
August	69,930	71,640	2.4	1,907	1,757	[1] 7.9
September	67,860	73,410	8.2	1,948	1,781	[1] 8.6
October	78,670	85,670	8.9	2,098	1,964	[1] 6.4
November	70,720	79,790	12.8	2,138	1,797	[1] 15.9
December	70,560	71,330	1.1	1,952	1,997	2.3
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
Total	562,160	600,720	6.9	15,604	14,952	[1] 4.2

[1] Denotes decrease.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 25 percent surcharge, to individuals and companies, as of April 21, 1936:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.135
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.20
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.08
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.10
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Daily, same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Wednesdays, Fridays, Sundays and holidays, 1.30 to 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U	
Ward 14, White, male, G. U	Tuesdays, Thursdays, Saturdays, Sundays, and holidays, 2.30 to 4.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, Sundays and holidays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.00 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.30 to 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except to visit tuberculosis patients Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Postal Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

Current Net Prices on Fuel Oil, Diesel Oil, and Coal

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.05 per barrel at Cristobal and Balboa; Diesel oil, $1.55 per barrel at Cristobal and Balboa.

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming. Oil deliveries can be made up to 5,500 barrels per hour, rate depending on gravity of oil, location of shore tanks, and ship's facilities for handling.

Tolls Charges for Transit of The Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement ..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton ..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessels to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa dry dock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in current tariff or supplements thereto.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXIX. Balboa Heights, C. Z., May 15, 1936. No. 10.

Traffic Through the Panama Canal in April 1936

The total vessels of all kinds transiting the Panama Canal during the month of April 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	April 1934	April 1935	April 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	469	432	246	236	482
Local commercial vessels [1]	38	71	24	20	44
Noncommercial vessels:					
United States Government	142	34	17	16	33
Byrd Antarctic Expedition	.....	2	.....	.....	.....
For repairs	.....	.....	1	1	2
Total	649	539	288	273	561

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended April 30, 1936, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
May	459	424	2,566,067	2,366,455	2,301,666	2,291,968	$2,146,421.35	$1,996,156.81
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	1,706,774.58	1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,909.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
Total	5,176	5,242	27,889,318	27,571,767	25,005,116	25,999,224	23,365,652.66	23,119,257.29

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for April 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	121	672,624	569,887	Norwegian	49	233,128	232,625
Danish	18	74,661	69,695	Panamanian	16	57,614	62,485
French	8	44,241	51,886	Spanish	1	4,051	8,815
German	25	94,171	103,904	Swedish	15	66,860	79,374
Greek	3	13,883	7,841	United States	183	990,051	1,023,144
Honduran	5	7,833	1,950	Yugoslav	1	4,189	8,260
Italian	4	30,757	12,209				
Japanese	25	147,218	154,096	Total	482	2,483,561	2,430,134
Netherlands	8	42,280	43,963				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, April 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	68	389,214	248,694	58	311,968	453,342
East coast United States and:						
Canada	8	36,105	5,365	4	16,268	26,376
Central America	2	3,123	.....	2	3,888	2,237
South America	23	107,430	14,720	28	123,733	262,632
Balboa	.....	.....	.....	1	6,895	.....
Hawaiian Islands	3	14,614	6,256	4	21,517	33,896
Australasia	5	24,884	27,699	.....	.....	.....
Philippine Islands	7	40,289	29,919	18	104,926	135,421
Far East	16	91,005	112,177	4	24,158	21,391
Canadian intercoastal	1	4,725	6,821	3	14,705	20,637
East coast Canada and:						
South America	.....	.....	.....	2	12,172	24,154
Australasia	3	14,938	13,806	3	14,867	10,460
Egypt	1	6,617	6,187	.....	.....	.....
East coast Central America and:						
Canada	1	3,985	.....	.....	.....	.....
Australasia	1	4,102	6,369	.....	.....	.....
South American intercoastal	6	22,510	28,031	.....	.....	.....
East coast South America and:						
United States	1	5,086	4,716	1	4,962	5,302
Canada	2	9,742	10,496	.....	.....	.....
Far East	1	5,798	4,410	.....	.....	.....
Cristobal and:						
United States	1	5,773	.....	1	5,773	11,675
Central America	4	4,088	1,798	6	7,050	2,495
South America	7	4,451	2,522	9	5,882	5,832
West Indies and:						
United States	.....	.....	.....	3	14,332	27,706
West Indies	3	9,561	13,874	1	6,916	14,419
Far East	1	4,098	3,230	.....	.....	.....
Europe and:						
United States	8	38,235	17,596	6	30,161	49,515
Canada	44	238,010	51,110	32	182,214	257,383
Central America	2	3,436	4,878	3	10,001	13,835
South America	14	99,457	32,587	20	112,811	180,644
Hawaiian Islands	.....	.....	.....	1	6,276	13,368
Australasia	6	53,667	36,937	13	109,497	84,598
Far East	.....	.....	.....	5	23,477	38,615
Egypt and South America	.....	.....	.....	2	8,727	17,616
Africa and:						
United States	.....	.....	.....	1	2,039	1,360
South America	1	1,506	.....	.....	.....	.....
Asia and Canada	.....	.....	.....	1	3,633	6,700
Around the world	2	17,702	11,505	1	6,523	6,822
Foreign vessels in ballast (United States intercoastal)	4	20,438	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[4] 3	3,601	.....
Total	246	1,284,589	701,703	236	1,198,972	1,728,431

[4] Yachts.

Origin and Destination of Cargo by Major Areas, April 1936

The following table summarizes the origin of cargo passing through the Canal in April 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	259,955	18,481	147,871	12,698	23,689	462,694
Other North America	4,000	6,828	4,797	21,235	24,185	61,045
Europe	48,936	16,748	.....	29,787	36,937	132,408
Miscellaneous	16,097	.....	2,005	27,454	.....	45,556
Total	328,988	42,057	154,673	91,174	84,811	701,703

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	450,825	48,518	133,866	5,397	638,606
Canada	32,980	18,787	167,236	8,720	227,723
Other North America	36,697	2,713	27,663	.....	67,073
South America	260,035	49,274	178,952	17,619	505,880
Australasia	7,842	3,373	83,843	.....	95,058
Asia	151,440	3,894	38,615	142	194,091
Total	939,819	126,559	630,175	31,878	1,728,431

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during April 1936 or in April 1935 are listed below:

Commodity	April		Commodity	April	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	12,423	12,968	Canned goods, various	51,685	72,128
Asphalt and tar	7,715	13,329	Coffee	16,480	16,516
Automobiles and parts	21,706	27,263	Cold storage (food products) [5]	58,541	42,660
Cement	11,149	10,797	Copra	13,979	15,605
Chemicals	7,723	12,192	Flour	29,534	26,390
Cotton, raw	10,713	22,666	Fruit, dried	14,686	14,597
Iron and steel	93,949	123,014	Fruit, fresh [6]	37,221	32,295
Metals, various	12,471	13,711	Lumber	206,237	279,007
Oils, mineral	76,658	64,584	Metals, various	42,412	51,412
Ores	18,456	9,095	Molasses and syrups	26,339	14,800
Paper	24,915	37,197	Nitrates	121,586	139,546
Phosphates	24,980	31,676	Oats	15,344	3,920
Railroad materials	574	18,434	Oils, mineral	214,359	287,049
Scrap metal	111,975	36,039	Oils, vegetable	27,272	25,558
Sulphur	15,282	27,308	Ores, principally iron	104,010	161,991
Tinplate	16,904	28,734	Paper	10,880	9,714
			Soy beans	16,464	29,491
Pacific to Atlantic			Sugar	113 950	144,498
Asphalt and tar	812	11,286	Wheat	119,441	139,423
Barley	10,154	14,697	Wood pulp	9,185	17,413
Beans, edible, dry	11,297	16,157	Wool	15,801	21,762

[5] Except fresh fruit. [6] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of April 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Agricultural implements	725	105	1,510	131
Alfalfa meal	.....	320	.....	465
Ammonium compounds	598	221	12,968	221
Animal foods [7]	665	449	665	545
Apparel, wearing (hats, shoes, clothing, etc.)	253	39	276	40
Asbestos	419	15	1,623	15
Asphalt and tar	498	10,366	13,329	11,286
Automobiles (and autotrucks)	7,241	27	16,440	39

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Automobile parts and accessories	5,504	168	10,823	222
Bags and bagging, textile	210	43	309	43
Bamboo and products	.....	.....	.....	394
Bananas	.....	.....	.....	4,865
Barks, miscellaneous	187	13	250	410
Barley	.....	975	3	14,697
Beans, edible, dry	421	2,301	451	16,157
Beer	278	.....	542	18
Beverages, nonalcoholic	508	.....	548	.....
Blood and tankage	.....	.....	389	35
Bones and bone meal	.....	.....	2,210	.....
Books and printed matter	33	117	35	119
Borax	45	1,052	214	8,987
Bran and pollards	5	489	5	2,025
Bricks and tile	225	22	600	22
Camphor, crude	.....	.....	.....	120
Canned and preserved goods:				
Fish	752	9,811	911	13,245
Fruit	691	29,307	715	42,316
Meat	76	448	1,509	1,204
Milk	62	231	312	819
Soup	3,055	145	3,152	145
Vegetables	690	6,762	760	6,850
Miscellaneous and unclassified	2,495	4,899	2,615	7,549
Carbon black	134	.....	881	.....
Celite	.....	2,139	.....	2,321
Cement	836	.....	10,797	.....
Chalk	.....	.....	238	.....
Charcoal	120	92	139	92
Chemicals [7]	6,101	2,060	12,192	2,808
Clay, china and fire	1,042	146	2,328	397
Clay, filtering	16	213	16	213
Coal	886	.....	986	.....
Cocoa and cacao beans	642	.....	1,301	3,640
Coconuts and products [7]	109	1,445	120	1,967
Coffee	234	71	6,017	16,516
Coke	.....	36	4,767	36
Cold storage and refrigerated products:				
Dairy products	163	43	385	15,810
Eggs	.....	376	.....	526
Fish	64	47	139	1,170
Lard	105	288	181	466
Meats	12	13	117	22,482
Poultry	.....	164	.....	165
Vegetables	.....	266	34	658
Other and unclassified	58	.....	91	1,383
Confectionery	613	.....	648	1
Copra	.....	.....	.....	15,295
Copra meal and cake	.....	.....	.....	310
Corn	.....	.....	3,030	.....
Cotton, raw	19	1,478	22,666	9,192
Creosote	6,780	.....	6,787	.....
Drugs and medicines	823	.....	1,322	3
Dyes	146	.....	1,133	.....
Earthenware	92	.....	115	199
Electrical apparatus and appliances	825	96	1,047	118
Explosives	170	.....	268	.....
Extract, quebracho	.....	.....	739	.....
Fertilizers [7]	13	399	58	405
Fish, salted or dry-cured	17	41	41	41
Fish meal	.....	699	.....	1,468
Floor coverings	1,614	958	1,658	1,378
Flour	738	23,883	1,617	26,390
Fruit, dried	.....	7,183	4	14,597
Fruit, fresh [7]	.....	2,011	.....	32,295
Furniture and household goods	861	64	904	64
General	26,795	8,695	53,762	17,045
Glass and glassware	2,640	301	5,311	593
Glue	97	140	141	143
Grains [7]	.....	.....	33	.....
Groceries	636	50	803	515
Guano	.....	.....	.....	5,200
Gums	.....	30	3	379
Hair, all kinds	69	51	145	221
Hay	.....	161	.....	250
Hemp, unmanufactured	.....	61	2	2,663
Honey	.....	36	.....	398
Hops	.....	.....	7	7
Horns and hoofs	.....	.....	.....	14
Infusorial earth	.....	341	.....	1,010

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	79,466	508	123,014	1,115
Ivory nuts	140	150	468	1,562
Jute, unmanufactured	.....	.....	89	25
Lard substitute	463	148	463	200
Lime	.....	.....	193	.....
Liquors	3,935	790	5,216	804
Lumber (including manufactured mill products)	2,766	152,515	4,488	279,007
Machinery	3,159	540	9,406	652
Malt	.....	.....	552	7
Manufactured goods [7]	3,738	885	4,315	3,161
Marble and granite	185	.....	732	.....
Matches	299	115	383	128
Metals:				
Copper	427	11,360	1,917	30,795
Gold and silver	.....	.....	.....	29
Iron	2,242	.....	6,795	.....
Lead	4	1,165	2,836	11,585
Tin	205	57	211	712
Zinc	153	.....	1,851	7,197
Other and unclassified	95	30	101	1,094
Milk, powdered	.....	328	186	681
Molasses and syrups	288	.....	416	14,800
Nitrates	2,235	.....	5,149	139,546
Nuts, edible (including meats)	200	86	694	373
Oats	62	196	62	3,920
Oils, mineral:				
Crude	69	.....	12,450	109,350
Gas and fuel	108	.....	25,894	14,193
Gasoline, benzine, and naphtha	62	72,622	2,975	129,007
Kerosene	157	10,023	166	32,385
Lubricating and greases	12,817	2,029	23,070	2,101
Other and unclassified	16	13	29	13
Oils, vegetable:				
Coconut	.....	970	.....	12,472
Cottonseed	.....	.....	1,205	1,174
Linseed	33	.....	124	.....
Olive	96	7	334	7
Rapeseed	18	.....	18	490
Wood	50	.....	98	4,730
Other and unclassified	741	22	994	6,685
Oil, fish	122	950	253	1,247
Oil, whale	.....	.....	13	32
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	135	2,310	863
Oilseed cake and meal	.....	.....	.....	4,831
Ores:				
Antimony	.....	.....	.....	638
Chrome	211	.....	211	200
Copper	.....	1,610	.....	2,723
Gold and silver	.....	.....	8,000	1,659
Iron	32	.....	32	131,550
Lead	.....	.....	.....	1,636
Magnesite	.....	660	85	660
Manganese	.....	944	2	5,228
Tin	.....	.....	.....	6,192
Zinc	.....	.....	.....	9,958
Other and unclassified	187	434	765	1,547
Paints and varnishes	1,272	137	2,725	224
Paper and paper products [7]	11,454	8,455	37,197	9,134
Paper scrap	.....	578	.....	580
Peanuts	980	148	980	2,198
Peas, dry	.....	54	.....	569
Peatmoss	.....	.....	1,613	.....
Phosphates	135	50	31,676	50
Plaster	20	.....	109	.....
Porcelainware	352	197	812	2,835
Potash	18	695	502	695
Pyrethrum flowers	.....	18	.....	18
Rags and waste	536	237	1,032	3,605
Railroad material	9,681	.....	18,434	.....
Rice	1,775	.....	2,098	5,615
Rope and twine	1,230	43	2,243	51
Rosin	843	.....	4,393	.....
Rubber:				
Manufactured	775	215	1,000	268
Raw	11	58	11	7,530
Scrap	.....	37	62	68
Salt	458	238	3,705	2,168
Sand	45	.....	4,952	499
Scrap metal	978	936	36,039	1,153

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	.....	347	578	1,417
Sewer pipe (concrete and terra-cotta)	80	.....	80	.....
Shells, oyster	1,438	.....	1,693	278
Silk, raw	.....	1,834	42	3,489
Skins and hides	36	2,347	648	7,216
Slag	.....	.....	3,045	.....
Slate	888	.....	888	.....
Soaps and products	2,355	56	2,406	220
Soda and sodium compounds:				
Soda ash	696	.....	938	901
Soda, caustic	173	.....	692	.....
Miscellaneous and unclassified	17	.....	164	2,329
Soy beans	53	.....	53	29,491
Sugar	108	26,461	448	144,498
Sulphur	13,054	.....	27,308	.....
Talc	42	102	91	217
Tallow	.....	313	.....	1,759
Tea	16	37	78	275
Textiles [8]	4,643	223	8,315	3,471
Tinplate	9,238	.....	28,734	226
Tobacco and manufactures	823	50	4,169	82
Toilet preparations	493	.....	531	2
Turpentine	315	.....	465	.....
Vegetables, dry [7]	.....	.....	157	1,472
Wall board	108	.....	143	670
Wax, paraffin	241	22	770	204
Wheat	.....	11,039	.....	139,423
Wines	204	1,176	556	1,564
Wood pulp	320	10,359	4,074	17,413
Wool	164	2,669	352	21,762
Total, April 1936	259,955	450,825	701,703	1,728,431
Total, April 1935	188,950	353,701	659,356	1,419,672
Total, April 1934	198,556	580,980	509,910	1,780,885

[7] Except as otherwise classified. [8] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of April 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	13	71,559	[9] 11,549	8	46,970	[10] 92,949
East coast United States and:						
South America	2	13,216	.....	.....	.....	.....
Balboa	.....	.....	.....	1	6,895	.....
Philippine Islands	.....	.....	.....	1	3,761	[11] 6,686
East coast Canada and South America	.....	.....	.....	2	12,172	24,154
South American intercoastal	3	16,245	26,129	.....	.....	.....
Cristobal and United States	1	5,773	.....	1	5,773	11,675
West Indies and:						
United States	.....	.....	.....	3	14,332	27,706
South America	2	9,106	13,874	1	6,916	14,419
Europe and:						
United States	1	6,345	.....	5	25,648	45,598
Central America	.....	.....	.....	1	4,567	9,425
South America	4	29,841	.....	5	33,524	69,325
Hawaiian Islands	.....	.....	.....	1	6,276	[12] 13,368
Total	26	152,085	51,552	29	166,834	315,305

[9] 6,780 tons creosote. [10] 10,304 tons petrolastic asphalt. [11] Coconut oil. [12] Molasses.

Comparison of Canal Traffic in April 1936, with April Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of April			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[13] 116	404	521	1915	[14] 100	361	466
1916	69	233	366	1916	60	199	258
1917	146	524	628	1917	145	483	588
1918	168	542	627	1918	165	547	627
1919	158	481	507	1919	162	510	576
1920	207	821	867	1920	199	712	781
1921	222	955	908	1921	232	950	966
1922	225	974	1,046	1922	222	951	907
1923	399	2,007	2,187	1923	325	1,550	1,631
1924	395	2,052	2,159	1924	429	2,179	2,249
1925	372	1,840	1,951	1925	382	1,904	1,996
1926	417	2,047	2,237	1926	424	2,064	2,169
1927	449	2,223	2,429	1927	441	2,184	2,311
1928	510	2,382	2,473	1928	521	2,453	2,468
1929	532	2,487	2,718	1929	524	2,485	2,554
1930	479	2,478	2,456	1930	502	2,497	2,502
1931	437	2,291	2,009	1931	447	2,314	2,089
1932	347	1,862	1,442	1932	364	1,968	1,650
1933	337	1,838	1,526	1933	347	1,900	1,513
1934	469	2,493	2,291	1934	436	2,379	2,059
1935	432	2,259	2,079	1935	432	2,317	2,109
1936	482	2,484	2,430	([15])	441	2,307	2,163

[13] Canal opened August 15, 1914. [14] Average for 10½ months. [15] Average for 10 months of fiscal year 1936.

Terminal Activities

Ships repaired during the month of April 1936 numbered 48; of this number 18 were drydocked. Fuel oil in the quantity of 253,767 barrels was delivered as bunkers to 129 commercial ships. Bunker coal amounting to 2,348 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated $69,987.53.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	23,821	7,557	31,378
Local cargo shipped ... tons	5,333	441	5,774
Cargo received for transshipment ... tons	34,957	925	35,882
Cargo transshipped ... tons	32,623	1,130	33,753
"Canal Zone for Orders" cargo:			
Number of receipts issued	3	2	5
Number of releases issued	39	9	48
Tons received	38	8	46
Tons withdrawn	91	5	96

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	549	3,324,697	1,984,189	518	3,088,424	1,846,558
Vessels entering port but not transiting Canal	60	329,267	188,311	14	67,792	38,636
Vessels transiting Canal and handling passengers and cargo at terminal ports	128	814,879	474,465	85	550,844	306,682
Ships clearing						
All vessels, including those transiting Canal	549	3,282,254	1,960,738	519	3,080,947	1,845,251
Vessels clearing port but not transiting Canal	61	309,714	177,670	15	75,194	42,913
Vessels transiting Canal and handling passengers and cargo at terminal ports	127	805,757	469,512	83	533,284	297,574

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, April 15, 1936, to midnight, May 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Maria, 280, 169
Arica, 126, 294
Portland, 108, 45½
Fella, 0, 216
San Bernardino, 103,1¼
Ancon, 4,354, 792
Peten, 298, 19
Santa Elena, 94, 228
Nuevo Panama, 18, 158
Atlantian, 156, 2
Metapan, 878, 253
South Wind, 2½, 0
Pereira, 464, 0
Simon Bolivar, 7, 847
Istmo, 162, 276½
Toloa, 763, 175
Haiti, 234, 848
Cali, 980, 0
Kinai Maru, 793, 29
Granville, 0, 293
Patricia, 231, 612
Canadian Planter, 47, 286
Trois Ilets, 146, 28
Chimu, 112, 0
Peten, 51, 56½
Caribia, 231, 53½
Kyphissia, 486, 550
Hermonthis, 1, 6
Elsie M., 1½, 4
Grenland, 307, 436
Kwanto Maru, 0, 231
Santa Inez, 144, 47
San Francisco, 55, 5
Contessa, 162, 432
Dinteldijk, 114, 399
Husvik, 225, 5
Sesostris, 41, 0
Barneveld, 293, 69
San Antonio, 218, 139
Mamari, 20, 0
City of Dalhart, 439, 0
Jefferson Myers, 19, 0
Salvador, 0, 495
Durazzo, 0, 629
Santa Barbara, 80, 354
Stella, 133, 15
Tacoma, 160, 210
Montreal Maru, 271, 0
Guayaquil, 1,410, 401
Veragua, 259, 3¼
India, 0, 18
Santa Marta, 648, 80
Nuevo Panama, 0, 157
Norfold, 10,556, 0
Margaret Lykes, 337, 438
Ulua, 785, 279
Cacique, 150, 377
Auditor, 192, 2
Maracay, 5,086, 0
Reina del Pacifico, 103, 457
Flottbek, 19, 515
Indra, 0, 193
Istmo, 471, 166
Manizales, 923, 404
Heranger, 7, 0
Alabama, 993, 27
Veragua, 34, 129
Rialto, 41, 0
Lahn, 453, 870
San Angelo, 187, 3 cases
West Camargo, 23, 0
Schwaben, 565, 304
Caribia, 31, 713
Atlantida, 120, 809
Kano Maru, 431, 0
Crijnssen, 292, 10
Tricolor, 1,009, 0
Santa Lucia, 246, 285
Santa Clara, 442, 4
Davanger, 10,874, 0
Cristobal, 2,195, 884
Acajutla, 500, 440
Lochkatrine, 267, 7
Flandre, 47, 235
Santa Paula, 239, 247
Quirigua, 326, 60
Democracy, 146, 0
San Rafael, 296, 1
Sixaola, 887, 255
Dusseldorf, 118, 315
Este, 55, 50
Syra, 0, 418
Santa Rosa, 0, 1
Cali, 44, 1,001
Benj. Franklin, 548, 0
Nanman Maru, 671, 20
Pastores, 354, 616
Calamares, 589, 431
Noto Maru, 962, 0
Crijnssen, 12, 517
Iris, 904, 0
Cerigo, 777, 0
Wyoming, 577, 1,049
Trois Ilets, 233, 0
Istmo, 621, 272
Orduna, 50, 81
Peter Maersk, 198, 0
Canada, 0, 165
Cumbal, 141, 0
Hokkai Maru, 0, 312
Quirigua, 54, 133
Baarn, 46, 554
Envoy, 2, 0
Santa Rita, 37, 59
Drechtdijk, 379, 133
Contessa, 266, 633
Mayan, 621, 1,058
Agira, 50, 392
Santa Inez, 400, 261
Buenaventura, 2,140, 531
Wisconsin, 33, 161
Tokai Maru, 738, 26½
Peten, 183, 2¼
Durazzo, 844, 113
Alaska, 8, 151
Tivives, 980, 307
Curaca, 2,161, 843
President Polk, 0, 2
Magician, 155, 0
La Paz, 194, ½
Colombia, 251, 0
Nansenville, 17½, 220
Istmo, 147, 0
Colombia, 298, 1,059
Toloa, 491, 480
Occidental, 925, 0
Percira, 0, 158
Tillie Lykes, 283, 279
Chimu, 1 pkg., 114
Amasis, 46, 121
Virgilio, 5, 338½
Peten, 28, 80
President Lincoln, 113, 0
Santa Elena, 508, 1 pkg.
Oakland, 375, 86
Troja, 106, 386
Kiyosumi Maru, 277, 0
Delftdijk, 83, 6
Atlas, 10,538, 0
Loreto, 11, 564
Salvador, 955, 0
Atlantida, 158, 293
Sangstad, 2, 0
West Ivis, 66, 0
Phoenicia, 79, 621
Santa Maria, 803, 20
Santa Clara, 250, 64
Cuba, 47, 528
Juan Sebastian Elcano, 291, 0
Ancon, 2,471, 0
Canadian Cruiser, 47, 7
Seattle, 194, 223
Ino, ½, 166½
Nuevo Panama, 0, 934
Santa Rosa, 135, 162
Europa, 50, 0
Margaret Johnson, 151, 0
Metapan, 699, 268
Veragua, 356, 19
Nuevo Panama, 0, 306

BALBOA

West Ira, 858, 1
Urubamba, 76, 0
President Taft, 1, 0
Santa Maria, 223, 42
Pereira, 146, 0
Nuevo Panama, 0, 136
Antigua, 433, 49
Grenland, 1, 0
Santa Inez, 1, 0
Sutherland, 11, 0
Heiyo Maru, 0, 4
Santa Barbara, 248, 41
President Garfield, 8, 0
Pennsylvania, 11, 3
Takaoka Maru, 33, 0
Spondilus, 10,041, 0
Iocoma, 1,409, 0
Heranger, 0, 142
John Bakke, 76, 0
Acajutla, 1, 0
El Alerto, 10,442, 0
Tricolor, 243, 0
Santa Clara, 13, 7
Santa Lucia, 205, 229
Santa Paula, 3, 44
Chateau Thierry, 147, 40
Benjamin Franklin, 285, 0
Talamanca, 371, 62
Peter Maersk, 346, 0
Virginia, 10, 0
Baarn, 106, 0
Ontariolite, 11,715, 0
D.G. Scofield, 11,676, 0
Mactra, 9,133, 0
Santa Inez, 243, 0
President Polk, 7, 0
Curaca, 8, 98
Santa Elena, 266, 17
Mayan, 0, 11
Santa Maria, 12,195, 0
Santa Maria, 61, 34
Santa Clara, 317, 0
President Pierce, 0, 11
Republic, 541, 62
Santa Rosa, 50, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,297; embarking 2,031; at Balboa, 1,031 disembarking and 737 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,045, from the Pacific to the Atlantic, 3,636. Aircraft numbering 35 entered Cristobal, and 168 passengers disembarked; clearances were 37, with 140 passengers embarking; at Balboa entries of aircraft were 20, with 50 passengers disembarking; clearances, 20, with 28 passengers embarking.

1936 Dry Season

From a water supply viewpoint, the 1936 dry season began December 28, 1935 and ended May 3, 1936, the total duration being 128 days. The inflow from the Madden Lake watershed area averaged 752 c. f. s., which was 22 percent below the average dry-season inflow during the past 23 years. The net yield of the Gatun Lake watershed averaged 524 c. f. s., which was 37 percent below the 23-year dry-season average.

Moderate water saving at the locks effected a saving of approximately 0.38 feet on Gatun Lake, and saving by the Miraflores Diesel power plant amounted to approximately 0.43 feet on Gatun Lake. During January, to allow repairs to sluiceways, Madden Lake was practically emptied, filling Gatun Lake to capacity. Slow filling of Madden Lake began on April 14, and 752 million cubic feet (equivalent to 0.17 feet on Gatun Lake) was stored during the remainder of the dry season.

The lowest level reached by Gatun Lake was 81.90 feet on May 3. Had there been no water saving or storing of water in Madden Lake, the minimum elevation of Gatun Lake would have been 81.21 feet.

Movements of Ocean Vessels Through the Panama Canal

From midnight April 15, 1936, to midnight May 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
President Taft	16	17	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	3,718
El Oso [1]	15	16	Brit.	C. T. Bowring & Co.	Ellesm're Pt., Eng.	Guayaquil, Ecua.	Fuel oil	6,010
Paula	16	16	Dan.	West Coast Line	New York, N. Y.	Valparaiso, Chile.	General	585
Portland [2]	16	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	5,689
Santa Maria [2]	15	17	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,372
Arica	16	16	Fr.	French Line	Havre, France	Talcahuano, Chile	Steel, iron	2,481
Elwood [1]	16	16	Amer.	Shell Petroleum Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Lavington Court	16	16	Brit.	Canadian Transp. Co.	Barry, England	Estevan [14]	Ballast	.....
Handicap [2]	16	17	Nor.	Bruusgaard Kiosterud	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
San Bernardino	16	17	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	3,287
Sydney Star [2]	16	17	Brit.	Blue Star Line	London, England	Sydney, Aust'lia.	General	5,154
Andrea F. Luckenbach.	16	17	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	5,086
Virginian	17	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,890
Trimountain [1]	16	17	Amer.	Shell Oil Co	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Tatsuno Maru	17	17	Jap.	Nippon Yusen Kaisha	Port Tampa, Fla.	Kobe, Japan	([16])	8,035
Steel Seafarer	17	17	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Singapore, St. Sct.	General	7,585
Santa Elena	17	18	Amer.	Panama Mail S.S. Co.	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	2,915
Iris	11	17	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	102
Yomachichi [2]	17	17	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Brisbane, Aus'lia.	General	4,581
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Dryden	17	18	Amer.	Lykes Bros.-Ripley	Pt. Arthur, Tex.	Manila, P. I.	General	7,521
Nuevo Panama [2]	17	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	150
Balboa [2]	17	18	Swed.	Johnson Line	Antwerp, Belgium	S. Francisco, Cal.	General	4,662
J. H. Senior [1] [2]	18	18	Pan.	Standard Oil Co	S'ampton, Eng.	Talara, Peru	Ballast	.....
Cingalese Prince [2]	18	18	Brit.	Prince Line, Ltd	Boston, Mass.	Hongkong, China	General	1,419
Sutherland [2]	18	18	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Herman Frasch	18	18	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulphur	6,361
Columbian	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,251
Point Chico	18	18	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	5,595
Enoch [3]	18	..	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....
Modavia [2]	18	19	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	926
King Frederick	18	19	Brit.	Eagle Oil Co	Tampico, Mex.	Adelaide, Aus'lia.	Asphalt	6,369
Remuera	19	20	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	3,732
Constance Chandler.	19	19	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	General	2,451
Minerva [2]	18	19	Nor.	Mallory Transp. Co.	Gulfport, Miss.	Powell Riv., B.C.	Ballast	.....
Luossa [2]	19	19	Swed.	Chile Nit. Sales Corp.	Baltimore, Md.	Chile	Ballast	.....
Istmo	18	19	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
Nagara Maru [2]	19	19	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([17])	7,255
Tuira [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Celtic Monarch	19	20	Brit.	Canadian Transp. Co.	Sydney, C. B.	Vancouver, B. C.	Steel, gen.	6,821
Brimanger [2]	19	20	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	111
Excelsior	20	20	Amer.	Calmar Line	Philadelphia, Pa.	Seattle, Wash.	General	8,069
Benholm	20	20	Brit.	John Edgar & Co.	New York, N. Y.	Auckland, N. Z.	General	3,923
Eastern Glade	20	20	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	4,500
Kwanto Maru [2]	20	20	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Dairen, China	([18])	8,178
Flo [5]	..	...	Amer.	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	.....	.....
Santos Maru [2]	20	21	Jap.	Osaka Shosen Kaisha.	Capetown, Africa	Kobe, Japan	Coffee, gen.	4,410
Durazzo	10	21	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	629
Salvador	14	21	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	495
Hermonthis [2]	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,624
Deroche [1]	21	21	Amer.	Union Oil Co	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Awobosan Maru [2]	21	21	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Yokohama, Japan	([19])	7,496
Thistleglen	21	21	Brit.	Andrew Weir & Co.	Liverpool, N. S.	Brisbane, Aus'lia.	Paper	4,345
Ardenvohr [2]	21	21	Brit.	Australind S. S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	Gen., gas	5,617
Amerikaland [2]	21	22	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Steelmaker	21	21	Amer.	Isthmian S. S. Lines.	Swansea, Eng.	Vancouver, B. C.	Steel, gen.	5,627
Gertrude Maersk [2]	21	21	Dan.	A. P. Moller Co.	Boston, Mass.	Cebu, P. I.	General	5,939
San Francisco [2]	21	21	Fr.	French Line	Havre, France	Vancouver, B. C.	([20])	6,159
Oregonian	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,160
Pirate [3]	21	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....
Hakonesan Maru [2]	22	22	Jap.	Mitsui & Co	Philadelphia, Pa.	Yokohama, Japan	Ballast	.....
Ovington Court	22	22	Brit.	Canadian Transp. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Trelawny	22	22	Brit.	Hain S. S. Co	Barry, England	Pac. coast, U. S.	Ballast	.....
Evgenia Chandris.	22	22	Greek.	John D. Chandris	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
King Neptune [2]	22	23	Brit.	Canadian Transp. Co.	Birkenhead, Eng.	S. Francisco, Cal.	Ballast	.....
King Malcolm [2]	22	23	Brit.	Aus'lian Despatch Line	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Jefferson Myers	22	23	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	3,156
Santa Barbara [2]	23	24	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,936
Cable Enterprise [13]	23	24	Brit.	Western Teleg'ph Co.	St. Lucia, B.W.I.	Callao, Peru	Cables	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [13] Cable ship. [14] For orders. [15] For bananas and return to Cristobal. [16] Cotton, phosphate rock, etc. [17] General, scrap tin, etc. [18] Scrap iron, tinplate. [19] Scrap, cotton, rosin. [20] General, coke, sand, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Frank [3]	...	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	...	...
President Garfield	24	24	Amer..	Dollar Line	New York, N. Y.	Round the world.	([13])	3,861
Pennsylvania	24	25	Amer..	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,718
California Express. [2]	23	24	Nor...	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	...
Julia Luckenbach.	24	24	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash.	([14])	4,502
Leticia [3]	18	24	Pan...	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	5
Trois Ilets	19	24	Fr...	French Line	Cristobal, C. Z.	B'ventura, Col.	General	29
Winslow [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge.	...
S-11 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
S-12 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
S-13 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Mallard [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Nuevo Panama [2]	24	25	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	160
Lake Gorin	24	25	Amer..	Ford Motor Co.	Chester, Pa.	Richmond, Calif.	Auto. parts.	2,458
Dalcroy	25	25	Brit...	N. Z. Shipping Co.	Halifax, N. S.	Sydney, Aus'lia.	Newsprint.	4,737
Ohioan	25	25	Amer..	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	3,176
Kinross [2]	25	25	Brit...	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	...
Marian Otis Chandler.	25	25	Amer..	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	General	1,745
Borgestad [2]	25	25	Nor...	Canadian Transp. Co.	Galveston, Tex.	Vancouver, B. C.	Sulphur, gen.	4,365
Abraham Lincoln [2]	25	25	Nor...	Fred Olsen Line	Hull, England	Vancouver, B. C.	Ballast	...
Indra [2]	25	25	Nor...	Knut Knutsen	Goth'burg, Swed.	Talcahuano, Chile	Gen., expl'es	3,503
Pomona	25	25	Amer..	Nacirema Oper. Co.	New York, N. Y.	Seattle, Wash.	General	5,037
Beaconstar [1]	25	26	Amer..	Standard Oil Co.	Philadelphia, Pa.	Talara, Peru	Ballast	...
Ashleigh	26	26	Brit...	Anglo-Can. S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	...
Orotava	26	26	Hond..	United Fruit Co.	Mobile, Ala.	Guayaquil, Ecua.	Ballast	...
Lebore	26	26	Amer..	Bethlehem Steel Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	...
Stonegate	26	26	Brit...	Canadian Lumber Co	Cardiff, England.	Vancouver, B. C.	Ballast	...
Reina del Pacifico [2]	25	26	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,368
Greuland	20	26	Nor...	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	438
Cacique	25	26	Amer..	Grace Line	New York, N. Y.	Callao, Peru	General	1,760
Chr. Knudsen [2]	26	26	Nor...	Anglo-Can. Ship. Co.	Boston, Mass.	Vancouver, B. C.	Ballast	...
Istmo	25	26	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	165
Lapwing [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Teal [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Steel Exporter	26	26	Amer..	Isthmian S. S. Lines.	Hopewell, Va.	Tacoma, Wash.	Gen., steel.	8,080
Heranger [2]	26	26	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	49
Venice Maru	26	26	Jap...	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	Cotton, gen.	7,084
Flottbek	25	27	Ger...	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,172
Maracay [1]	25	..	Brit...	Standard Oil Co.	Aruba, D. W. I.	Balboa, C. Z.	Drydocking	...
Texmar	26	27	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,731
J. L. Luckenbach.	26	27	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	2,239
Pacific Pioneer [2]	26	27	Brit...	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	767
Lena Luckenbach.	26	27	Amer..	Luckenbach Line	New Orleans, La.	Los Angeles, Cal.	General	6,836
Nohata	26	27	Brit...	Hain S. S. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	...
Mercury Sun [1] [2]	27	27	Amer..	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	...
Barbara Cates	27	27	Amer..	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	5,689
Rialto [2]	27	27	Ital...	Nav. Lib. Triestina	Trieste, Italy.	Vancouver, B. C.	General	2,009
Manizales	25	27	Ger...	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	405
Narragansett [1] [2]	27	27	Brit...	Standard Ship. Co.	Kiel, Germany	Talara, Peru	Ballast	...
City of Christchurch.	27	28	Brit...	Ellerman & Bucknall.	New York, N. Y.	Manila, P. I.	General	1,368
Eastern Prince [2]	25	28	Amer..	O. L. Grimes	Portland, Me.	Seattle, Wash.	Ballast	...
Santa Olivia	27	28	Amer..	Libby, McNeill, Libby	New York, N. Y.	Seattle, Wash.	Ballast	...
San Angelo	28	28	Amer..	Quaker Line	Albany, N. Y.	Tacoma, Wash.	General	2,914
Norfolk	28	29	Brit...	Federal Steam Nav. Co.	Swansea, Eng.	Dunedin, N. Z.	General	10,461
Schwaben	28	29	Ger...	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	5,208
Pennsylvanian	28	29	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,133
Golden Kauri	28	29	Amer..	Calmar Line	Baltimore, Md.	Oakland, Calif.	Gen., steel.	4,258
Nordpol [2]	28	29	Dan...	W. I. Trading Co.	Covenas, Col.	B'ventura, Col.	Cattle	244
Everleigh	28	29	Brit...	Anglo-Can. S. S. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	...
Tregenna	28	29	Brit...	Anglo-Chile Nit. Co.	Savannah, Ga.	Chile	Ballast	...
West Camargo	28	29	Amer..	McCormick S. S. Co.	Rosario, Arg.	Vancouver, B. C.	Gen., coffee.	4,965
Bradburn	29	29	Brit...	Sir W. R. Smith & Son	Birkenhead, Eng.	Vancouver, B. C.	Ballast	...
Avon Bridge	29	29	Brit...	Anglo-Can. S. S. Co.	Dunston, Eng.	Vancouver, B. C.	Ballast	...
Nordhval [2]	29	30	Dan...	Anglo-Can. S. S. Co.	Wilmington, N.C.	Vancouver, B. C.	Ballast	...
Athelviscount [1] [2]	29	30	Brit...	United Molasses Co.	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	...
Portobello [3]	29	29	Pan...	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	Gen. mdse.	2
Soyo Maru [2]	30	30	Jap...	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	([15])	7,058
Harry Luckenbach.	30	30	Amer..	Luckenbach Line	Philadelphia, Pa.	Seattle, Wash.	General	4,581
Sage Brush	30	30	Amer..	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	4,948
Santa Lucia	29	1	Amer..	Grace Line	New York, N. Y.	Talcahuano, Chile	General	1,881
Kurama Maru [2]	30	30	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, lead.	8,432
Penrith Castle [2]	30	30	Brit...	Barber Line	Newp't News, Va.	Moji, Japan	Scrap iron.	7,200
Chateau Thierry [8]	30	2	Amer..	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	395
City of Elwood [2]	30	4	Amer..	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	Steel, gen.	6,545

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [10] Mine sweeper. [13] General, machinery, etc. [14] General, steel, pipe, etc. [15] General, sulphate of ammonia.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lochkatrine [2]	30	1	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	2,847
Leticia [3]	28	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Panama, R. P.	Ballast	
Silversandal [2]	1	1	Brit.	Silver Line	New York, N. Y.	Manila, P. I.	General	1,955
Wairangi [2]	1	1	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	5,684
Petter [1] [2]	1	1	Nor.	Cia. Comp. des Raff. de Berre.	Pt. de Bouc, Fr.	Talara, Peru	Ballast	
Mount Taurus	1	1	Greek	Mitsubishi Shoji K.	Wilmington, N. C.	Portland, Oreg.	Ballast	
Santa Paula	1	2	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	General	3,634
Democracy	1	1	Amer.	Nelson Line	Camden, N. J.	S. Francisco, Cal.	General	2,074
Comet [1]	1	2	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Enoch [3]	1	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		
Dusseldorf [2]	1	2	Ger.	North German Lloyd.	Hamburg, Ger.	Talcahuano, Chile	General	5,880
W. R. Keever	1	2	Amer.	Texas Sulphur Co.	Freeport, Tex.	Tacoma, Wash.	Sulphur	7,503
West Mahwah	2	2	Amer.	McCormick S. S. Co.	Brooklyn, N. Y.	Seattle, Wash.	Steel, gen.	5,176
Monaghan [9]	1	...	Amer.	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Ballast	
Loch Lomond	2	2	Brit.	Maclay & McIntyre	Hull, England	Vancouver, B. C.	Ballast	
Iowan	2	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,295
Point Montara	2	2	Amer.	Gulf-Pacific Line	New Orleans, La.	Los Angeles, Cal.	General	3,300
Benjamin Franklin. [2]	2	3	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	5,976
San Rafael	1	2	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,670
President Herrenschmidt. [1] [2]	2	3	Nor.	Pechelbroon	Pt. de Bouc, Fr.	Talara, Peru	Ballast	
Losmar	3	3	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,252
Gregalia	3	3	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	772
Harlesden	3	3	Brit.	Dant & Russell	Philadelphia, Pa.	Portland, Oreg.	Ballast	
Acajutla	29	3	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	440
Nuevo Panama [2]	2	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	([14])	240
Cali	1	3	Ger.	North German Lloyd.	Pto. Lopez, Col.	Guayaquil, Ecua.	General	1,170
Iris	2	3	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	Ballast	
Real [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Punta Arenas	4	4	Chile.	Chile.-N. Amer. Line.	New York, N. Y.	Valparaiso, Chile.	Gen., sugar.	3,944
Franz Klasen [1] [2]	4	5	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Point Bonita	4	4	Amer.	Swayne & Hoyt	Tampa, Fla.	Seattle, Wash.	General	2,434
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
Hokkai Maru [2]	4	4	Jap.	Osaka Shosen Kaisha.	New York, N. Y.	Moji, Japan	General	7,568
J-25 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
J-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Baarn	4	5	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,066
Tennessee [2]	4	5	Nor.	Barber Line	Jacksonville, Fla.	Kobe, Japan	Scrap iron	8,730
Bethore	4	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Point Judith	4	5	Amer.	Swayne & Hoyt	Panama City, Fla.	Tacoma, Wash.	General	5,334
Mahsud	5	5	Brit.	Com'lth & Dom. Line	Savannah, Ga.	Adelaide, Aust'lia	General	5,345
Willsolo	5	5	Amer.	Amer.-Hawaiian Line.	Charleston, S. C.	Seattle, Wash.	General	4,997
Hegira	5	5	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Gen., steel	5,000
Washington Express. [2]	5	6	Nor.	Fruit Express Line	Glasgow, Scot.	Pto. Arm'les, R. P.	Ballast	
Allegheny [4]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Sunoil [1] [2]	5	6	Amer.	Sun Oil Co	Chester, Pa.	Los Angeles, Cal.	Ballast	
D. G. Scofield [1]	5	7	Amer.	Sun Oil Co	Aruba, D. W. I.	Los Angeles, Cal.	Fuel oil	11,676
Nyhoru [2]	5	6	Nor.	Knutsen Line	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Bessemer City	6	6	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	General	1,562
Malmanger [1]	6	6	Nor.	Standard Oil of N. J.	Caripita, Venez.	San Antonio, Chile	Fuel oil	9,810
Baldbutte [1]	6	6	Amer.	Shell Oil Co	Sewaren, N. J.	Los Angeles, Cal.	Ballast	
Trewyn	6	6	Brit.	Chile Nit. Sales Corp.	Wilmington, N. C.	Chile	Ballast	
Hopetor	5	6	Brit.	A. Stott & Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	
Welcombe	5	6	Brit.	Andrew Weir & Co.	Jacksonville, Fla.	Osaka, Japan	Scrap iron	8,014
Utsire	6	6	Nor.	Wessel, Duval & Co.	New York, N. Y.	Valparaiso, Chile.	General	884
Birmingham City.	6	7	Amer.	Isthmian S. S. Lines.	Portland, Me.	Tacoma, Wash.	([15])	8,626
Hartlepool	6	6	Brit.	Amtorg Trading Co.	Novo'sk, U.S.S.R.	Tacoma, Wash.	Gold ore	8,507
J-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Southern Sun [1] [2]	6	7	Amer.	Sun Oil Co	Chester, Pa.	Los Angeles, Cal.	Ballast	
Bolton Hall	6	7	Brit.	Wiltonhall S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Soloy [2]	6	7	Nor.	Maersk Line	Baltimore, Md.	Manila, P. I.	General	4,475
Edward Luckenbach.	7	7	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,447
Glaucus	7	7	Brit.	Alfred Holt & Co	Philadelphia, Pa.	Hongkong, China	General	1,712
Port Huon [2]	7	7	Brit.	Com'lth & Dom. Line	London, England	Auckland, N. Z.	General	2,017
Mactra [1] [2]	7	10	Brit.	Asiatic Petroleum Co.	Curacao, D. W. I.	S. Francisco, Cal.	Fuel oil	9,133
Hoperange [2]	7	7	Brit.	Anglo-Can. S. S. Co.	Wilmington, N. C.	Vancouver, B. C.	Ballast	
President Polk	8	8	Amer.	Dollar Line	Boston, Mass.	S. Francisco, Cal.	General	3,920
Glenmoor [2]	7	8	Brit.	W. Runciman & Co.	Manchester, Eng.	Vancouver, B. C.	Ballast	
Wisconsin	7	8	Fr.	French Line	Havre, France	Vancouver, B. C.	Steel, coke	6,130
Trefusis	7	8	Brit.	Chile Nit. Sales Corp.	Pensacola, Fla.	Iquique, Chile	Ballast	
Hadleigh	7	8	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Gasoline, general. [15] General, steel, ore.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Trevorian	8	8	Brit.	Anglo-Can. S. S. Co.	Cardiff, England.	W. coast U. S. [15]	Ballast	
Santa Inez [2]	7	9	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,579
Umberleigh	8	8	Brit.	Canadian Transp. Co.	Barry, England.	Vancouver, B. C.	Ballast	
All America [1] [3]	5		Amer.	All America Cables	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	8		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]		
Alaska	8	9	Fr.	French Line	Havre, France	Valparaiso, Chile.	Gen., iron	1,389
Tai Ping [2]	8	9	Nor.	Barber Wilhelmsen	New York, N. Y.	Yokohama, Japan	([17])	5,552
Eridan [2]	9	9	Fr.	Messageries Marit'es.	Marseille, Fr.	Noumea, N. Caled	General	1,000
Marore	9	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Durazzo	8	9	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	170
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
Montgomery City	9	10	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Vancouver, B. C.	General	5,640
Yorkmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,972
Mexican	9	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	5,289
Point Arena	10	10	Amer.	Luckenbach Line	Mobile, Ala.	S. Francisco, Cal.	General	3,890
Trois Ilets	2	10	Fr.	French Line	Cristobal, C. Z.	Esmeraldas, Ecua.	Ballast	
Camden [1]	10	10	Amer.	Shell Oil Co.	Wilmington, N. C.	Los Angeles, Cal.	Ballast	
American Oriole	10	10	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	6,200
Bordvik	10	11	Nor.	S. S. Operating Co.	Maracaibo, Ven.	Topolob'ba, Mex.	Ballast	
Pereira	10	11	Pan.	Elliot Ship. & Land Co.	Manaure, Col.	B'ventura, Col.	Salt, gen.	1,025
Pacific Ranger [2]	10	11	Brit.	Furness, Withy Co.	Glasgow, Scot.	Vancouver, B. C.	General	830
Kent	10	10	Brit.	Federal Steam Nav. Co.	London, England	Timaru, N. Z.	General	3,700
Real [2]	9		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Mayan	5	11	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,060
Curaca	8	11	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,856
Jacob Luckenbach	10	11	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,989
Wellington Court	11	11	Brit.	Anglo-Can. S. S. Co.	Barry, England.	Portland, Oreg.	Ballast	
Amasis	10	11	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,236
Aymeric	10	11	Brit.	Mitsui & Co.	Baltimore, Md.	Kobe, Japan	Scrap steel	7,664
Chimu [2]	10	11	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	2,000
Oakland [2]	11	12	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	4,920
Willmoto [3]	11	12	Amer.	Williams S. S. Co.	Baltimore, Md.	Seattle, Wash.	General	5,003
Anadara [1] [2]	12	12	Brit.	Anglo-Saxon Pet. Co.	Cardiff, England.	Los Angeles, Cal.	Ballast	
Nojima Maru [2]	12	12	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([18])	7,157
Alaskan	12	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,949
City of Pittsburg	12	12	Brit.	Ellerman & Bucknall.	Philadelphia, Pa.	Frem'tle, Aus'lia.	General	6,338
Delftdyk [2]	12	13	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	General	2,445
Troja	12	12	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,661
Venecia [5]			Pan.	Donald Cummings	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Katsuragi Maru [2]	13	13	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([18])	7,300
Taybank [2]	13	13	Brit.	Andrew Weir & Co.	Baltimore, Md.	Shanghai, China	General	3,378
Hindanger [2]	13	13	Nor.	Interocean S. S. Co.	Copenhagen, Den	Los Angeles, Cal.	Ballast	
Kanawha [1]	10		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.		
West Ivis	13	13	Amer.	McCormick S. S. Co.	Rosario, Arg.	Vancouver, B. C.	General	2,815
American Traveler	13	13	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,051
Wiegand	13	13	Ger.	North German Lloyd.	New Orleans, La.	Auckland, N. Z.	Gen., sulphur	7,389
Sona [2]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
President Pierce	14	15	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	General	2,784
Loreto [2]	12	14	Brit.	Pacific Steam Nav. Co.	Hull, England	Corral, Chile	General	4,403
Canadian Britisher.	13	14	Brit.	Can. Nat. Steamships	Sydney, N. S.	Wellington, N. Z.	General	4,382
Evanger [2]	14	14	Nor.	Westfal, Larsen Co.	Santos, Brazil	Vancouver, B. C.	General	2,049
Santa Clara	13	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,191
Dilworth [1]	14	14	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Robert Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,234
Panama [2]	14	14	Dan.	East Asiatic Co.	Hull, England	Los Angeles, Cal.	Ballast	
Eidsvold [2]	14	14	Nor.	Kawasaki K. Kaisha	New York, N. Y.	Kobe, Japan	General	7,185
Teal [16]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Mary Ann [14]			Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Canadian Cruiser	14	15	Brit.	Can. Nat. Steamships	Halifax, N. S.	Lyttleton, N. Z.	General	4,687
Nuevo Panama [2]	14	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	250
Andino [1]	14		Brit.	Lago Shipping Co.	S. Nicolas, D. W. I.	Balboa, C. Z.	Drydocking	
Phaeax	15	15	Greek	R. & K., Ltd.	Emden, Germany	Vancouver, B. C.	Ballast	
Gannet [10]	10		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Thrush [10]	10		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Suriname	15	15	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	
Tower Crown	14	15	Brit.	Tower Steamship Co.	Novor'k, U. S. S. R.	Tacoma, Wash.	Gold ore	8,488
Chilean Reefer [2]	15	15	Dan.	G. Lauritzen	San Juan, P. R.	Los Angeles, Cal.	Ballast	
Europa [2]	15	15	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	499
Santa Rosa	15	16	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	3,125
Skramstad [2]	15	15	Nor.	Fern Line	New Orleans, La.	Yokohama, Japan	([20])	6,538
Enoch [3]	15		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]		
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Cable ship. [14] Crane. [15] For orders. [16] For bananas and return to Cristobal. [17] Scrap steel, general. [18] Steel, automobiles, general. [19] Cotton, scrap steel. [20] Cotton, lead, etc.

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Akaroa	15	16	Brit...	Shaw, Savill & Albion	Wellington, N. Z.	S'ampton, Eng..	Frozen, gen.	6,874
West Ira	15	16	Amer..	McCormick S. S. Co.	Seattle, Wash...	Buenos Aires, Arg.	Gen., lumber	5,302
Chetopa	16	16	Amer..	Kinney Shipping Co..	Portland, Oreg...	Albany, N. Y....	Wheat	4,627
D. G. Scofield [1]	16	16	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md...	([15])	10,304
Fella [2]	16	17	Ital...	Nav. Lib. Triestina..	Vancouver, B. C.	Trieste, Italy....	General	5,966
Pereira	16	20	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	410
Jonna	17	17	Dan...	F. Lauritzen	Talcahuano, Chile	Hamburg, Ger...	Fresh fruit..	1,094
Point Palmas	17	17	Amer..	Swayne & Hoyt	Seattle, Wash...	Tampa, Fla	General	6,243
Wind Rush	17	17	Amer..	Shepard S. S. Co.	Seattle, Wash...	Albany, N. Y....	Lumber, gen.	7,001
Trewyn	17	17	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nit. of soda	7,870
Nuevo Panama [2]	17	18	Pan...	Elliot Ship. & Land Co.	Panama, R. P...	Cristobal, C. Z..	General	43
Bethore	17	18	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,400
Point Gorda	17	18	Amer..	Gulf-Pacific Line	Tacoma, Wash..	Lake Charles, La.	General	3,215
Istmo	18	19	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	146
Cali	18	3	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	General	926
Tuira [2]	18	19	Pan...	Elliot Ship. & Land Co.	Darien, R. P...	Cristobal, C. Z..	Bananas	68
Moldanger [2]	18	18	Nor...	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	General	8,107
Sambu [2]	18	19	Pan...	Elliot Ship. & Land Co.	Darien, R. P...	Cristobal, C. Z..	Bananas	18
Nordbo [2]	18	18	Dan...	Anglo-Can. Ship. Co.	Englewood, B. C.	Albany, N. Y....	Lumber	7,000
Leticia [2]	18	24	Pan...	A. Tagaropulos	Darien, R. P...	Cristobal, C. Z..	Bananas	30
Forbes Hauptman	18	18	Amer..	McCormick S. S. Co.	Seattle, Wash...	Philadelphia, Pa..	Lumber, gen.	9,291
Abodi Mendi	18	18	Span..	Navera Sota & Aznar.	Iquique, Chile...	Alexandria, Egypt	Nitrates	8,815
Tomislav	18	18	J-Slav.	Salitrera Tarapaca...	Iquique, Chile...	English Chan. [14]	Nitrates	8,260
Trefusis	18	18	Brit...	Chile Nit. Sales Corp.	Ant'fagasta, Chile	New Orleans, La.	Nitrates	7,883
Sona [2]	18	19	Pan...	Elliot Ship. & Land Co.	Darien, R. P...	Cristobal, C. Z..	Bananas	36
D. L. Harper [1] [3]	18	19	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	17,274
Washington	18	19	Amer..	Calif.-Eastern Line...	Portland, Oreg...	Bridgeport, Conn.	General	7,612
Granville [2]	18	19	Pan...	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	7,239
Aden Maru	18	19	Jap...	Kokusai Kisen Kaisha.	Manila, P. I.	New York, N. Y.	Sugar	7,500
Canadian Planter.	19	20	Brit...	Can. Nat. Steamships	Auckland, N. Z..	Montreal, Can...	General	1,979
Penrose	19	19	Brit...	Continental Grain Co.	Pt. Alberni, B. C.	Devonport, Eng.	([16])	6,500
Kinai Maru [2]	19	19	Jap...	Osaka Shosen Kaisa..	Shanghai, China.	Baltimore, Md...	General	5,561
Gen. Wm. M. Graham. [11]	18	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Trois Ilets	19	24	Fr...	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee	133
President De Vogue. [1] [2]	19	19	Nor...	Sig. Bergesen & Co..	Talara, Peru	Pt. de Bouc, Fr..	Crude oil	13,610
Patricia [2]	19	20	Ger...	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger...	General	2,260
Tilsington Court..	19	19	Brit...	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	London, England	Lumber, gen.	9,657
Corrientes	19	20	Brit...	Donaldson Line	Vancouver, B. C.	Glasgow, Scot...	Fruit, gen...	4,585
Chimu	20	20	Amer..	Grace Line	Pisco, Peru	New York, N. Y.	Coffee, gen..	2,243
Argual	20	20	Hond..	United Fruit Co.	Guayaquil, Ecua.	Mobile, Ala	Bananas	880
San Gabriel	20	20	Amer..	States S. S. Co.	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	6,642
Vav [1] [2]	20	20	Nor...	Shell Oil Co.	Martinez, Mexico	Lands End [14]	Kerosene	9,425
Grenland	20	26	Nor...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z..	General	284
Haxby	20	21	Brit...	Montreal Ship. Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain	8,575
Montanan	20	21	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	General	7,222
K. I. Luckenbach.	21	21	Amer..	Luckenbach Line	Los Angeles, Cal.	New York, N. Y.	General	9,628
Santa Inez [2]	21	21	Amer..	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,773
Dinteldyk [2]	21	22	Neth..	Holland-Amer. Line..	Victoria, B. C.	Rotterdam, Neth	General	9,141
Steelore	22	22	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,700
San Ambrosio [1] [2]	21	22	Brit...	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Habana, Cuba..	Gasoline	10,512
Barneveld	22	22	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger...	General	8,170
Silverwillow [2]	22	22	Brit...	Kerr S. S. Co.	Belawan, D. E. I.	Beira, East Africa	General	6,822
Snestad [2]	22	22	Nor...	Fern Line	Manila, P. I.	E. coast, U. S. A.	Sugar	7,250
Sutherland	22	22	Amer..	Nelson S. S. Co.	Everett, Wash...	Baltimore, Md...	Gen., lumber	6,997
City of Dalhart [2]	22	23	Amer..	Roosevelt S. S. Co...	Manila, P. I.	Baltimore, Md...	General	8,055
San Antonio	22	23	Fr...	French Line	Vancouver, B. C.	Le Havre, France	General	6,109
Nordic	22	23	Swed..	Morris Hedstrom	Fiji Islands	London, England	General	6,873
Mamari	22	23	Brit...	Shaw, Savill & Albion	Omaru, N. Z.	London, England	Frozen, gen.	5,750
Oklahoma [13]	20	23	Amer..	U. S. Navy	Los Angeles, Cal.	Norfolk, Va	.....	.....
Ville d'Amiens	23	24	Fr...	Messageries Marit'es.	Noumea, N. Caled	Marseille, France	Coffee, copra	5,368
Meton [1]	22	23	Amer..	Shell Eastern Pet. Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	10,023
Stella	23	24	Den...	Wessel, Duval & Co..	Talcahuano, Chile	New York, N. Y.	Nitrates	2,313
Frangoula B. Goulandris.	23	23	Greek.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C..	Hull, England	([16])	7,841
Fresno City	23	23	Brit...	Yamashita & Co.	Dairen, China	Cobh, I. F. S. [14]	General	8,450
Nebraskan	23	23	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass.	General	8,676
Montreal Maru	23	24	Jap...	Kawasaki Kisen K...	Shanghai, China.	New York, N. Y.	General	4,890
Tacoma	23	24	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General	8,378
Hertford	23	23	Brit...	FederalSteamNav.Co.	New Zealand	London, England	Frozen, gen.	7,548
Clydefield [1] [2]	23	24	Brit...	E. A. Gibson & Co...	Estero Bay, Calif.	Donges, France..	Crude oil	10,251
Welsh City	24	24	Brit...	Manila Shipping Co..	Manila, P. I.	E. coast, U. S. A.	Sugar	9,000
Flomar	24	24	Amer..	Calmar S. S. Corp.	Astoria, Oreg.	Boston, Mass.	Lumber	7,500
India [2]	24	24	Den...	East Asiatic Co.	S. Francisco, Cal.	Hull, England	General	11,965
Mobile City	24	24	Amer..	Isthmian S. S. Lines..	Honolulu, T. H..	Baltimore, Md..	Sugar, gen..	8,339
Nuevo Panama [2]	23	25	Pan...	Elliot Ship. & Land Co.	Pto. Arm'les, R. P.	Cristobal, C. Z..	Ballast	.....
Stirling [2]	24	24	Brit...	Anglo-Can. S. S. Co..	Brit. Colombia..	Newark, N. J.	Lumber	8,011

[1] Tanker. [2] Motor ship. [11] Mine planter. [13] Battleship. [14] For orders. [15] Petrolastic asphalt. [16] Wheat, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Australia Star [2]	24	25	Brit	Blue Star Line	Melbourne, Au'lia	London, England	Frozen, gen.	8,094
Chilore	25	25	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Mathew Luckenbach.	24	25	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	7,587
C. A. Canfield [1]	24	25	Amer.	Standard Oil of N. J.	Los Angeles, Cal.	Ponce, P. R.	Gasoline	8,242
Willhilo	25	25	Amer.	Williams S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,126
Manizales	25	27	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	882
Istmo	25	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	425
Wisconsin	25	25	Amer.	Bulk Carriers Corp.	Aberdeen, Wash.	New York, N. Y.	([14])	8,686
Quarrington Court	25	25	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	([14])	8,760
Lillian Luckenbach.	25	25	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,810
Riche [5]	25	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
El Mirlo [1] [2]	25	26	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Dunkerque, Fr.	Crude oil	11,432
J. H. Senior [1] [2]	25	26	Pan.	Standard Oil of N. J.	Talara, Peru	Fawley, England.	Crude oil	16,777
Hagan [1]	25	26	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Naphtha	8,895
Alabama	25	27	Fr.	French Line	Corral, Chile	Havre, France	General	8,529
Pacific Commerce. [2]	26	26	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Can.	General	7,425
Berganger [2]	26	26	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,875
West Notus	26	26	Amer.	McCormick S. S. Co.	Tacoma, Wash.	New York, N. Y.	Lumber, gen.	7,958
Baron Ruthven.	26	27	Brit.	Anglo-Cont'l Guano.	Caleta Patache.	London, England	Guano	5,200
Silver Spray [2]	25	...	Brit.	John McEwen	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Frank [2]	26	...	Pan.	E. J. Hooper	Aguadulce, R. P.	Cristobal, C. Z.	Cattle	20
Stensby	26	27	Dan.	East Asiatic Co.	Seishin, Korea	Cobb, I. F. S. [13]	Soy beans	6,326
Pennsylvania	27	27	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,230
Geddington Court	27	27	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	([15])	10,000
Pajala [2]	27	27	Swed.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrates	10,400
Georgian	27	27	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	Lumber, gen.	7,400
Lahn	27	28	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	10,591
Killerig	26	30	Pan.	Merrit-Chap'n-Lind'y	Acajutla, Salv.	Kingston, Jam.	Ballast	.....
Romdalshorn	27	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nit. of soda	10,200
Benmohr	27	28	Brit.	George H. Scales	Pt. Pirie, Aust'lia	London, England	([16])	6,326
Athelprincess [1] [2]	27	28	Brit.	United Molasses Co.	Hilo, T. H.	Birkenhead, Eng.	Molasses	13,368
City of Raville [2]	27	28	Amer.	Roosevelt S. S. Co.	Adelaide, Aust'lia	Baltimore, Md.	Ore, general	5,308
Lancaster	27	28	Amer.	Weyerhaeuser S. S. Co	Aberdeen, Wash.	Baltimore, Md.	Lumber, gen.	8,981
Torvanger	28	29	Nor.	East Asiatic Co.	Dairen, China	Cobb, I. F. S. [13]	Soy beans	8,894
El Oso [1]	28	28	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Crude oil	10,232
Kano Maru [2]	28	29	Jap.	Kokusai Kisen Kaisha	Penang, Mal. Pen.	New York, N. Y.	General	6,090
Rangitata [2]	27	28	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,441
Turakina	28	29	Brit.	N. Z. Shipping Co.	Timaru, N. Z.	Glasgow, Scot.	Frozen, gen.	5,292
John Bakke [2]	27	28	Nor.	Scand.-S. Pacific Line.	Callao, Peru	Perggrund	General	7,563
Maracay [1]	26	6	Brit.	Standard Oil Co.	Balboa, C. Z.	Aruba, D. W. I.	Ballast	.....
Leticia [2]	28	1	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	65
Chester Sun [1] [2]	28	29	Amer.	Sun Oil Co.	El Segundo, Calif.	Chester, Pa.	([17])	13,301
Luxor [1] [2]	28	29	Brit.	Sovracht, Moscow	Los Angeles, Cal.	Lands End [13]	Gasoline	9,382
Memphis [9]	29	30	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mittelmeer [1] [2]	28	2	Ger.	German Government	Los Angeles, Cal.	Pontevedra	Diesel oil	2,533
Acajutla	28	3	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	499
Manley [9]	29	30	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Fairfax [9]	29	30	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pacific Exporter [2]	29	29	Brit.	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scot.	General	8,859
Nevadan	29	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,128
Santa Clara	29	30	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,370
Tricolor [2]	29	30	Nor.	Barber, Wilhelmsen	Davao, P. I.	New York, N. Y.	General	7,017
Massmar	29	30	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	([16])	6,650
Invella	29	30	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	([14])	7,110
Ravnaas [2]	30	30	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Haifa, Palestine.	([19])	6,700
Dorothy Luckenbach.	30	30	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,849
Oregon	30	30	Amer.	Continental Grain Co.	Iloilo, P. I.	New Orleans, La.	Sugar	8,000
Lake Osweya	30	30	Amer.	Dutton Lumber Corp.	Astoria, Oreg.	Po'keepsie, N. Y.	Lumber	3,155
Point Clear	30	30	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Sugar, gen.	5,796
Zealandic [2]	30	30	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	General	6,414
Santa Rosa	30	1	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	793
Nitro	30	4	Amer.	U. S. Navy	Oahu, T. H.	Norfolk, Va.	Navy stores	1,431
Alexandra Hoegh. [1] [2]	30	1	Nor.	Standard Oil of Calif.	Los Angeles, Cal.	Bremen, Ger.	Diesel oil	12,458
Chincha	30	1	Amer.	Grace Line	Tocopilla, Chile.	Baltimore, Md.	([20])	4,700
Anniston City	1	1	Amer.	Isthmian S. S. Lines.	Longview, Wash.	Portsmouth, Eng.	Lumber	7,216
Este	1	2	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	8,808
Oregon Express [2]	1	1	Nor.	Sigurd Herlofson Co.	Los Angeles, Cal.	Glasgow, Scot.	Fresh fruit	1,800
New Westminster City.	1	1	Brit.	Mitsui Line	Dairen, China	Karlshamn, Swed	Soy beans	8,200
Zurichmoor	1	1	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	6,725
Rhakotis	1	2	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,731
Nanman Maru	2	2	Jap.	Yamashita K. Kaisha.	Tsingtau, China.	Philadelphia, Pa.	General	2,813
Tuira [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	58

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer. [13] For orders. [14] Wheat, lumber. [15] Grain, lumber. [16] Wool, zinc, concentrates. [17] Gasoline, spirits. [18] Lumber, copper. [19] Creosoted ties. [20] Copper, nitrates.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sona [2]	2	3	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Karlsruhe [2] [12]	27	2	Ger...	German Government	San Diego, Calif.	Germany	.....	6,742
Nuevo Panama [2]	1	3	Pan...	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Madrono [1]	2	3	Nor...	Standard Oil of N. J.	Talara, Peru	Montreal, Can.	Crude oil	8,256
Wyoming	2	4	Fr...	French Line	Seattle, Wash.	Rotterdam, Neth.	General	6,343
Real [2]	2	3	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Iris	2	3	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	818
Trois Ilets	2	10	Fr...	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	212
Cerigo	2	4	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	713
Noto Maru [2]	2	3	Jap...	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,404
Istmo	2	4	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	563
Canada [2]	2	3	Swed..	Johnson Line	Vancouver, B. C.	Hull, England	Lumber, gen.	7,640
Persephone [1] [2]	2	3	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	S'ampton, Eng.	Crude oil	11,687
California	2	3	Amer..	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	5,773
Tilthorn	2	3	Nor...	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nit. of soda	10,330
Strassa [2]	3	3	Swed..	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington	Nit. of soda.	8,465
Vernon City	3	3	Brit...	Sir W. R. Smith & Sons	Vancouver, B. C.	Cardiff, Wales	General	8,050
Harmonic	3	3	Brit...	Canadian Transp. Co.	Victoria, B. C.	Grangem'th, Eng.	([15])	7,419
Gertrude Kellogg [1]	3	3	Amer..	Kellogg S. S. Co.	Manila, P. I.	New York, N. Y.	Coconut oil	6,685
Orduna	3	4	Brit...	Pacific Steam Nav.Co.	Talcahuano,Chile	Liverpool, Eng.	General	7,076
Peter Maersk [2]	3	4	Dan...	Maersk Line	Cebu, P. I.	New York, N. Y.	General	5,892
Porto Bello [2]	2	...	Pan...	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	17
Steel Inventor	3	4	Amer..	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,474
Cumbal	4	4	Amer..	Grace Line	Pisco, Peru	New York, N. Y.	General	2,396
Eleanor Christenson.	4	4	Amer..	Sudden & Christenson	Willapa, Wash.	Baltimore, Md.	Lumber	7,192
Magnolia [2]	4	4	Amer..	Socony-Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	14,285
Reginolite [1] [2]	4	4	Brit...	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Crude oil	12,181
W. S. Miller [1]	4	4	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Gasoline	8,661
Virginia	4	5	Amer..	Panama-Pacific Line.	Los Angeles, Cal.	New York, N. Y.	General	3,600
Svealand [2]	4	5	Swed..	Ore S. S. Corp.	Cruz Gr'de, Chile	Sparrows Pt.,Md.	Iron ore	22,500
Happy Days [2] [6]	3	6	Amer..	Ira C. Copely	Los Angeles, Cal.	Europe	Ballast	.....
Mayan	5	11	Amer..	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	587
Orotava	5	5	Hond..	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,040
Santa Rita [2]	5	5	Amer..	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,821
Geisha [2]	5	5	Nor...	Knut Knutsen	Vancouver, B. C.	Liverpool, Eng.	Wheat, gen.	6,200
Drechtdijk [2]	5	6	Neth..	N. Pac. Coast Line	Victoria, B. C.	Rotterdam,Neth.	Wheat, gen.	8,449
Taketoyo Maru	5	5	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,850
Portmar	5	5	Amer..	Calmar S. S. Corp.	Marshfield, Oreg.	Philadelphia, Pa.	Lumber	7,320
All America [13]	-22	8	Amer..	All America Cables	Callao, Peru	Cristobal, C. Z.	Sub. cable	.....
Aurora [2]	5	6	Swed..	W. I. Trading Co.	Seishin, Korea	Aarhus, Den.	Soy beans	8,000
Beaconstar [1] [2]	6	6	Amer..	Standard Oil of N. J.	Talara, Peru	Montreal, Can.	Gasoline	8,494
Canada [2]	6	6	Dan...	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	General	8,779
Point Lobos	5	6	Amer..	Swayne & Hoyt	Pt.Gamble,Wash.	Houston, Tex.	General	4,771
Arizonan	6	6	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber	7,568
Tongking [2]	6	7	Dan...	East Asiatic Co.	Dairen, China	Copenhagen,Den.	Ground nuts	7,678
Agira	6	7	Ger...	North German Lloyd.	Corinto, Nic.	Hamburg, Ger.	General	1,522
Yuri Maru	6	8	Jap...	Kokusai Kisen Kaisha	Santonio, P. I.	New Orleans, La.	Sugar	9,000
Ruperra	7	7	Brit...	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	([16])	7,375
Marija Petrinovic. [2]	7	7	Y-Slav	Corp. de Ventas de Salitre.	Taltal, Chile	Azores [14]	Nit. of soda.	8,370
Narragansett [1] [2]	7	7	Brit...	Standard Oil of N. J	Talara, Peru	Aruba, D. W. I.	([17])	15,189
Tokai Maru [2]	7	8	Jap...	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	5,767
Wildwood	7	7	Amer..	Shepard Line	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,117
Eglantine	7	7	Amer..	Lykes Bros., Ripley	Manila, P. I.	New Orleans, La.	Sugar, gen.	8,055
Dauntless	6	...	Amer..	E. Biddle	Balboa, C. Z.	Miraflores Lake.	Ballast	.....
Port Hunter	8	8	Brit...	Com'lth & Dom. Line	Auckland, N. Z.	London, England	Frozen, gen.	6,168
Helen Whittier	8	8	Amer..	Matson Nav. Co.	Honolulu, T. H.	New Orleans, La.	Sugar, gen.	7,702
William Luckenbach.	8	8	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,400
Sidney M. Hauptman.	8	8	Amer..	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,714
Daylight [1] [2]	8	8	Amer..	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	13,126
Birchbank [2]	8	8	Brit...	East Asiatic Co.	Dairen, China	Cobb, I. F. S. [14]	Soy beans	8,282
El Aleto [1] [2]	8	8	Brit...	Anglo-Ecua. Oilfields.	La Libertad,Ecua	Ellesm're Pt. Eng.	Crude oil	10,500
Durazzo	8	9	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	770
La Paz [2]	8	9	Brit...	Pacific Steam Nav.Co.	S. Antonio, Chile	Hull, England	General	8,768
Grainton	8	9	Brit...	Empire Shipping Co.	Vancouver, B. C.	Antwerp, Belg.	Wheat	9,309
Real [2]	9	10	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Laura	8	9	Dan...	I. Lauritzen	Valparaiso, Chile.	Hamburg, Ger.	Fresh fruit	1,085
Istmo	9	17	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	133
Californian	8	9	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,030
Nansenville [2]	9	9	Nor...	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	7,589
Occidental [1]	9	10	Amer..	The Texas Co.	Los Angeles, Cal.	Bayonne, N. J.	Gasoline	8,530
Petter [1] [2]	9	9	Nor...	J. P. Jensen	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	14,447
Elwood [1]	9	9	Amer..	Shell Oil Co.	Los Angeles, Cal.	New York, N. Y.	([18])	9,870

[1] Tanker. [2] Motor ship. [6] Yacht. [12] Cruiser. [13] Transit North for drydocking. [14] For orders. [15] Wheat, lumber. [16] Grain, lumber. [17] Spirit and kerosene. [18] Special naphtha.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Virgilio [2]	9	11	Ital...	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	3,329
Wright [13]	10	...	Amer..	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.		
Gannet [4]	9	15	Amer..	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.		
Sandpiper [4]	10	18	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Villanger [2]	3	10	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Lumber, gen.	7,003
Thrush [10]	9	15	Amer..	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.		
Teal [4]	10	14	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Florence Luckenbach.	9	10	Amer..	Luckenbach Gulf Co..	Portland, Oreg...	Mobile, Ala	Lumber, gen.	4,311
King City	10	10	Brit...	I.Modiano Bros.& Son	Dairen, China...	Cobb, I. F. S. [14]	Soy beans..	8,346
Erviken	10	10	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Savannah, Ga...	Nitrates	10,365
Ramapo [1]	4	10	Amer..	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	Ballast	
Fermia [2]	10	10	Swed..	Brostrom Line	Linnton, B. C...	Rotterdam, Neth.	Lumber	5,690
Lapwing [4]	10	..	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Kanawha [1]	9	13	Amer..	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.		
Brazos [1]	9	11	Amer..	U. S. Navy	San Diego, Calif.	Guantan'o, Cuba		
Neches [1]	9	11	Amer..	U. S. Navy	San Diego, Calif.	Guantan'o, Cuba		
President Lincoln.	11	11	Amer..	Dollar Line	Manila, P. I.	New York, N. Y.	General	6,988
Empress of Britain.	10	11	Brit...	Canadian Pacific Line.	Los Angeles, Cal.	New York, N. Y.	Passengers	
Amerikaland [2]	10	11	Swed..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	22,350
Hanley	10	11	Amer..	Weyerhaeuser S. S.Co.	S. Francisco, Cal.	Baltimore, Md...	([15])	10,206
President Herrenschmidt. [1] [2]	10	11	Nor...	Pechelbronn	Talara, Peru	Antwerp, Belg...	Crude oil	13,255
Susan V. Luckenbach.	11	11	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	Lumber, gen.	
Willzipo	11	11	Amer..	Williams S. S. Corp..	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	9,700
Bouvet 2	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Shika	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Bouvet 3	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Svana	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Sirra	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Bouvet 1	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Sabra	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Sumba	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Ballast	
Intrepid [2] [6]	11	...	Amer..	H. Evans	Balboa, C. Z.	Miraflores Lake..	Ballast	
Lieut. Col. H. C. Schumm. [4]	11	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Pacific President..	11	12	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	General	8,768
Salvestria	11	11	Brit...	Silverson & Co	South Georgia Is.	Tonsberg, Nor. [14]	Whale oil	5,000
Santa Elena	11	12	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,228
Sona [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Jevington Court..	12	12	Brit...	Balfour Williamson...	Stockton, Calif..	Dublin, I. F. S..	Barley	7,150
Tuira [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	62
Bolivar	12	12	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	2,474
Kiyosumi Maru [2]	12	12	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	Philadelphia, Pa.	General	7,570
Vancouver	26	12	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	Lumber, gen.	5,562
Salvador	12	18	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	955
Walter A. Luckenbach.	12	13	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	General	5,948
Sangstad [2]	12	13	Nor...	Fern Line	Iloilo, P. I.	Cape Hatteras [14]	Sugar	7,400
Sorvard [2]	12	13	Nor...	SpreckelsPhilippincCo	Hinigaran, P. I..	New Orleans, La.	Sugar	6,700
Nordvard [2]	13	13	Nor...	J. J. Moore & Co	Hinigaran, P. I..	Baltimore, Md...	Sugar	7,278
Uyo Maru [2]	13	13	Jap...	Mitsui Line	Iloilo, P. I.	Philadelphia, Pa.	Silk, gen	8,512
Trondanger [2]	13	13	Nor...	Interocean S. S. Co..	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen..	8,606
Santa Maria [2]	13	14	Amer..	Grace Line	Talcahuano,Chile	New York, N. Y.	General	3,072
Caithness [2]	13	13	Brit...	Anglo-Can. S. S. Co..	N. West'er, B. C.	S'ampton, Eng..	Lumber, gen.	8,600
Franz Klasen [1] [2]	13	13	Pan...	W. Tankschiff Rhed'i	Talara, Peru	Rotterdam, Neth.	([16])	17,456
Seattle [2]	14	15	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General	7,690
Trimountain [1]	14	14	Amer..	Shell Oil Co	Los Angeles, Cal.	Baltimore, Md...	Gasoline	8,846
Nuevo Panama [2]..	14	15	Pan...	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	
Pennington Court	14	14	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	([17])	8,600
Dakotan	14	14	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	General	8,856
Sacramento	14	14	Amer..	Nelson S. S. Co	Seattle, Wash...	New York, N. Y.	General	6,882
Maine	14	14	Amer..	Isthmian S. S. Lines..	Honolulu, T. H..	New Orleans, La.	Sugar, gen..	8,158
Elmworth [2]	14	15	Brit...	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	Providence, R. I.	Lumber	6,900
Makiki	14	15	Amer..	Matson Nav. Co	Hawaiian Islands	Houston, Tex.	General	8,239
California Express. [2]	14	15	Nor...	Fruit Express Line...	Los Angeles, Cal.	London, England	Fresh fruit..	1,852
L. A. Christensen. [2]	15	15	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Norfolk, Va	Nit. of soda	7,620
Devon City [2]	15	15	Brit...	Reardon Smith Line..	N. West'er, B. C.	Cardiff, Wales...	General	7,608
Steel Engineer...	15	15	Amer..	Isthmian S. S. Lines..	San Diego, Calif.	London, England	General	8,011

[1] Tanker. [2] Motor ship. [4] Tug. [6] Yacht. [10] Mine sweeper. [13] Airplane tender. [14] For orders. [15] Lumber, copper. [16] Gasoline, gas oil. [17] Lumber, wheat.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of the Fiscal Years 1934-5 and 1935-6

The following is a comparison of traffic at the Suez and Panama Canals for the first nine months of the fiscal years 1934–5 and 1935–6:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent increase	Number of transits		Percent increase
	1934–5	1935–6		1934–5	1935–6	
July	437	487	11.4	394	377	[1] 4.3
August	463	503	8.6	401	395	[1] 1.5
September	468	531	13.5	435	391	[1] 10.1
October	527	604	14.6	467	441	[1] 5.6
November	474	548	15.6	469	418	[1] 10.9
December	466	493	5.8	443	459	3.6
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
Total	4,216	4,718	11.9	3,919	3,931	0.3

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent increase	Tolls collected		Percent increase
	1934–5	1935–6		1934–5	1935–6	
	Thousands	*of francs*		*Thousands*	*of dollars*	
July	65,210	71,730	10.0	1,823	1,684	[1] 7.6
August	69,930	71,640	2.4	1,907	1,757	[1] 7.9
September	67,860	73,410	8.2	1,948	1,781	[1] 8.6
October	78,670	85,670	8.9	2,098	1,964	[1] 6.4
November	70,720	79,790	12.8	2,138	1,797	[1] 15.9
December	70,560	71,330	1.1	1,952	1,997	2.3
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
Total	637,150	679,680	6.7	17,622	17,245	[1] 2.1

[1] Decrease.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 25 percent surcharge, to individuals and companies, as of May 11, 1936:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.135
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.25
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.11
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.10
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies, available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Current Net Prices on Fuel Oil, Diesel Oil, and Coal

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.05 per barrel at Cristobal and Balboa; Diesel oil, $1.55 per barrel at Cristobal and Balboa.

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming. Oil deliveries can be made up to 5,500 barrels per hour, rate depending on gravity of oil, location of shore tanks, and ship's facilities for handling.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

THE PANAMA CANAL RECORD

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is publisbed as statistical information and is required for the proper transaction of the public business.

Volume XXIX. Balboa Heights, C.Z., June 15, 1936. No. 11.

Traffic Through the Panama Canal in May 1936

The total vessels of all kinds transiting the Panama Canal during the month of May 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	May 1934	May 1935	May 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	459	424	245	243	488
Local commercial vessels [1]	45	59	30	34	64
Noncommercial vessels:					
United States Government	36	30	26	55	81
Colombian Government	1	.....	.....	.....	.....
For repairs	2	.....	2	2	4
Total	543	513	303	334	637

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended May 31, 1936, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
June	366	405	2,018,355	2,134,237	1,766,608	2,080,717	$1,706,774.58	$1,798,449.39
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	1,822,999.64	1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142.832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258.926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156 81	2,081,103.73
Total	5,141	5,306	27,689.706	27,709,527	24,995,418	26,126,908	23,215,388.12	23,204,204.21

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for May 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	123	697,630	544,708	Mexican	[5] 1	.....	.....
Chilean	2	7,351	9,016	Netherlands	18	57,413	37,286
Danish	15	69,079	58,905	Norwegian	59	296,231	350,264
French	7	42,428	34,963	Panamanian	13	27,768	33,527
German	[4] 30	125,318	123,932	Swedish	14	61,228	104,009
Greek	4	19,872	15,000	United States	172	928,487	939,780
Honduran	3	4,761	1,481	Yugoslav	2	8,330	16,220
Italian	3	24,731	10,582				
Japanese	22	133,588	139,979	Total	488	2,504,215	2,419,652

[3] Tolls-paying vessels of 300 net tons or over. Panama Canal measurement.
[4] Includes naval vessel of 6,742 tons displacement.
[5] Naval vessel of 1,442 tons displacement.

Traffic by Trade Routes, May 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	63	344,764	246,314	60	347,143	439,464
East coast United States and:						
Canada	5	23,877	5,640	6	26,732	37,108
Central America	2	3,897	.....	1	2,310	1,048
South America	21	85,179	25,596	23	94,087	203,013
Hawaiian Islands	3	16,229	13,076	5	24,545	39,360
Australasia	5	30,689	25,282	.....	.....	.....
Philippine Islands	9	51,653	38,333	20	114,662	146,810
Far East	18	96,397	125,817	4	22,554	14,825
Canadian intercoastal	.....	.....	.....	1	5,208	7,168
East coast Canada and:						
South America	1	7,717	.....	4	20,335	41,157
Australasia	2	9,659	9,069	1	4,139	3,406
South American intercoastal	5	9,587	13,528	.....	.....	.....
East coast South America and:						
United States	.....	.....	.....	1	5,026	8,295
Canada	5	22,171	17,458	.....	.....	.....
Central America	1	1,084	.....	.....	.....	.....
Far East	1	7,606	4,343	.....	.....	.....
Cristobal and:						
Central America	6	5,234	4,312	5	4,524	2,625
South America	10	6,109	1,812	12	8,231	8,036
West Indies and:						
United States	5	20,639	.....	.....	.....	.....
Canada	1	4,569	1,550	.....	.....	.....
South America	.....	.....	.....	2	13,988	29,031
Balboa	2	10,354	20,809	.....	.....	.....
Far East	.....	.....	.....	1	2,207	4,100
Europe and:						
United States	10	50,027	25,100	8	37,793	64,598
Canada	38	214,080	52,770	42	233,053	322,051
Central America	3	9,610	2,661	3	5,729	4,428
South America	17	108,629	46,425	20	134,277	181,434
Australasia	8	70,356	33,579	7	46,070	45,202
Far East	.....	.....	.....	10	59,398	77,013
Egypt and South America	.....	.....	.....	2	8,252	15,850
Around the world	1	9,178	3,051	3	47,380	7,105
Foreign vessels in ballast (United States intercoastal)	2	9,757	.....	1	16,521	.....
Vessels not engaged in commerce	[6] 1	.....	.....	[6] 1	.....	.....
Total	245	1,229,051	716,525	243	1,275,164	1,703,127

[6] Naval vessels.

Origin and Destination of Cargo by Major Areas, May 1936

The following table summarizes the origin of cargo passing through the Canal in May 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	254,554	16,622	154,232	17,005	22,076	464,489
Other North America	2,536	31,306	6,884	15,229	12,275	68,230
Europe	66,685	12,402	.....	42,617	33,276	154,980
Miscellaneous	9,740	4,081	2,697	12,005	303	28,826
Total	333,515	64,411	163,813	86,856	67,930	716,525

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	432,914	18,823	151,001	5,121	607,859
Canada	33,676	16,596	222,430	1,484	274,186
Other North America	42,323	3,828	7,016	.....	53,167
South America	199,617	82,933	179,805	15,881	478,236
Australasia	2,139	1,514	44,955	.....	48,608
Asia	157,641	6,329	77,013	88	241,071
Total	868,310	130,023	682,220	22,574	1,703,127

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during May 1936 or in May 1935 are listed below.

Commodity	May 1935	May 1936	Commodity	May 1935	May 1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	10,742	4,024	Beans	10,711	10,467
Automobiles and parts	18,093	29,549	Borax	6,088	13,207
Cement	9,670	18,652	Canned goods, various	61,136	68,390
Chemicals	11,022	9,164	Coffee	15,218	16,126
Coal and coke	7,399	14,008	Cold storage (food products) [7]	32,733	16,134
Cotton, raw	24,013	19,641	Copra	13,823	1,921
Iron and steel, manufactured	104,201	155,875	Flour	27,229	22,284
Machinery	15,823	12,931	Fruit, dried	10,597	10,831
Manufactured goods	14,235	5,318	Fruit, fresh [8]	26,713	31,724
Metals	23,011	12,434	Lumber	222,086	285,554
Oils, mineral	62,392	46,880	Metals, various	57,571	43,816
Ores	651	35,919	Nitrates	138,098	99,211
Paper	28,806	25,444	Oats	18,441	6,586
Phosphates	25,845	1,514	Oils, mineral	405,069	328,479
Scrap metal	103,117	84,842	Oils, vegetable	20,154	25,982
Sugar	7,597	13,096	Ores (principally iron)	95,527	142,305
Sulphur	10,959	15,853	Paper	10,027	22,272
Tinplate	25,781	26,137	Phosphates	9,363	27,738
			Soy beans	8,902	69,835
Pacific to Atlantic			Sugar	106,966	149,615
			Wheat	156,363	141,694
Asphalt and tar	11,709	2,094	Wood pulp	14,075	17,151
Barley	7,931	18,487	Wool	15,457	14,343

[7] Does not include fresh fruit. [8] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of May 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	13	.....
Agricultural implements	1,236	24	4,792	27
Alfalfa meal	.....	180	.....	416
Ammonium compounds	86	.....	4,024	1,860

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Animal foods [9]	41	77	41	95
Apparel, wearing (hats, shoes, clothing, etc.)	91	.....	91	7
Asbestos	72	.....	583	.....
Asphalt and tar	254	56	4,184	2,094
Automobiles (and autotrucks)	6,024	22	21,521	36
Automobile parts and accessories	3,351	31	8,028	46
Bags and bagging, textile	113	32	503	205
Bamboo and products	.....	38	.....	459
Bananas	.....	.....	.....	3,771
Barks, miscellaneous	158	.....	203	237
Barley	15	55	224	18,487
Beans, edible, dry	99	3,311	247	10,467
Beer	934	.....	1,115	92
Beverages, nonalcoholic	257	.....	257	51
Bones and bone meal	.....	.....	1,709	.....
Books and printed matter	168	.....	228	.....
Borax	12	535	50	13,207
Bran and pollards	.....	200	.....	2,519
Bricks and tile	170	.....	799	76
Camphor, crude	.....	.....	.....	192
Canned and preserved goods:				
Fish	545	13,443	799	16,280
Fruit	975	23,075	1,028	38,870
Meat	172	193	995	223
Milk	.....	93	220	227
Soup	1,670	.....	1,709	.....
Vegetables	975	2,430	1,050	2,895
Miscellaneous and unclassified	2,391	7,026	2,620	9,895
Carbon black	40	1	405	1
Celite	.....	1,105	11	1,105
Cement	669	.....	18,652	509
Chalk	.....	.....	808	.....
Charcoal	76	.....	85	.....
Chemicals [9]	4,487	1,104	9,164	1,332
Clay, china and fire	1,392	128	1,767	138
Clay, filtering	11	211	11	297
Coal	2,593	.....	2,909	.....
Cocoa and cacao beans	588	.....	1,139	3,488
Coconuts and products [9]	20	1,583	36	2,168
Coffee	280	134	4,750	16,126
Coke	.....	.....	11,099	.....
Cold storage and refrigerated products:				
Dairy products	97	282	344	8,346
Eggs	.....	270	.....	289
Fish	114	.....	121	726
Lard	555	199	789	244
Meats	.....	.....	258	4,994
Vegetables	.....	141	.....	1,535
Other and unclassified	10	.....	45	.....
Confectionery	992	34	1,084	58
Copra	.....	32	112	1,824
Copra meal and cake	.....	.....	.....	97
Cotton, raw	50	1,925	19,641	8,222
Creosote	51	182	51	182
Drugs and medicines	815	18	865	125
Dyes	.....	.....	472	69
Earthenware	.....	10	47	10
Eggs, dried	.....	.....	.....	25
Electrical apparatus and appliances	659	123	805	174
Explosives	67	.....	727	.....
Extract, quebracho	.....	.....	860	.....
Fertilizers [9]	200	214	1,085	452
Fish meal	.....	.....	100	822
Floor coverings	1,774	601	1,813	1,010
Flour	596	19,365	1,178	22,284
Fruit, dried	15	5,650	77	10,831
Fruit, fresh [9]	.....	4,602	.....	31,724
Furniture and household goods	706	12	772	37
General	20,021	4,585	50,016	12,336
Glass and glassware	3,241	147	6,458	1,011
Glue	56	22	62	22
Grains [9]	20	171	20	171
Groceries	608	189	739	575
Gums	.....	51	48	51
Hair, all kinds	117	.....	127	148
Hay	.....	77	.....	126
Hemp, unmanufactured	15	535	54	2,255
Honey	.....	22	.....	300
Hops	.....	7	13	9
Infusorial earth	.....	986	24	1,313

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	108,123	356	155,875	444
Ivory nuts	176	125	547	2,616
Jute, unmanufactured	50	.....	278	33
Lard substitute	103	33	103	46
Lime	.....	.....	100	.....
Liquors	4,328	603	5,598	635
Lumber (including manufactured mill products)	2,774	152,613	4,172	285,554
Machinery	3,871	678	12,931	1,084
Malt	.....	.....	887	65
Manufactured goods [9]	3,941	204	5,318	2,320
Marble and granite	167	.....	214	.....
Matches	234	231	296	241
Metals:				
Antimony	.....	1,158	.....	1,285
Copper	467	11,375	1,698	28,125
Gold and silver	.....	.....	7	9
Iron	1,326	.....	2,876	.....
Lead	24	1,290	5,036	8,212
Tin	461	69	740	967
Zinc	45	24	1,308	5,031
Other and unclassified	79	69	769	187
Milk, powdered	17	94	172	120
Molasses and syrups	104	.....	202	345
Nitrates	1,759	.....	3,036	99,211
Nuts, edible (including meats)	.....	44	1,006	439
Oats	57	843	67	6,586
Oils, mineral:				
Crude	.....	.....	578	116,450
Gas and fuel	.....	.....	30,623	59,138
Gasoline, benzine, and naphtha	30	109,520	3,268	133,548
Kerosene	.....	.....	39	18,354
Lubricating and greases	5,636	744	12,235	989
Other and unclassified	98	.....	137	.....
Oils, vegetable:				
Coconut	.....	606	.....	10,502
Cottonseed	.....	.....	2,308	.....
Linseed	.....	.....	191	.....
Olive	6	3	186	3
Rapeseed	50	.....	110	384
Wood	82	.....	82	6,152
Other and unclassified	435	34	1,079	8,941
Oil, fish	.....	1,014	114	1,682
Oil, whale	.....	.....	.....	5,000
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	21	92	1,948	911
Oilseed cake and meal	450	.....	474	2,677
Ores:				
Antimony	.....	.....	.....	848
Chrome	2,081	.....	2,081	.....
Copper	.....	.....	979	8,149
Gold and silver	.....	.....	25,085	825
Iron	.....	.....	464	110,350
Lead	.....	.....	.....	6,735
Magnesite	.....	814	3,360	814
Manganese	.....	927	100	927
Tin	.....	.....	.....	3,697
Zinc	.....	.....	2,764	8,685
Other and unclassified	61	77	1,086	1,275
Paints and varnishes	1,642	159	3,248	831
Paper and paper products [9]	8,811	8,911	24,752	22,051
Paper scrap	.....	207	692	221
Peanuts	1,497	.....	1,497	7,178
Peas, dry	.....	.....	.....	142
Peatmoss	.....	.....	1,311	.....
Phosphates	410	451	1,514	27,738
Plaster	20	.....	110	.....
Porcelainware	582	283	1,526	3,901
Potash	.....	536	1,833	536
Pyrethrum flowers	.....	32	.....	110
Rags and waste	145	364	1,573	3,571
Railroad material	43	.....	246	.....
Rice	1,363	22	2,493	7,120
Rope and twine	431	42	1,400	197
Rosin	1,040	.....	2,854	40
Rubber:				
Manufactured	936	268	1,311	286
Raw	.....	.....	.....	6,526
Scrap	.....	205	91	262
Salt	788	316	5,627	324
Sand	.....	.....	3,528	15

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Scrap metal	339	230	84,842	488
Seeds (except oilseeds)	.....	158	297	605
Sewer pipe (concrete and terra cotta)	18	.....	18	.....
Shells, oyster	1,404	.....	1,404	58
Silk, raw	.....	2,699	.....	3,698
Skins and hides	98	1,914	404	4,985
Slag	.....	.....	2,156	.....
Slate	1,954	.....	1,954	.....
Soaps and products	1,420	129	1,534	320
Soda and sodium compounds:				
Soda ash	2,231	.....	2,439	1,186
Soda, caustic	175	.....	503	.....
Miscellaneous and unclassified	108	.....	227	195
Soy beans	565	.....	565	69,835
Sugar	20	13,166	13,096	149,615
Sulphur	12,639	.....	15,853	.....
Talc	27	109	27	135
Tallow	.....	152	.....	295
Tea	13	53	555	432
Textiles [10]	5,551	189	9,413	2,587
Tinplate	10,785	.....	26,137	33
Tobacco and manufactures	717	14	2,564	53
Toilet preparations	322	.....	340	123
Turpentine	140	.....	495	.....
Vegetables, dry [9]	.....	.....	24	1,097
Wall board	45	.....	232	702
Wax, paraffin	88	.....	1,290	182
Wheat	.....	1,364	110	141,694
Wines	278	1,150	724	1,380
Wood pulp	.....	12,786	4,322	17,151
Wool	109	7,826	191	14,343
Total, May 1936	254,554	432,914	716,525	1,703,127
Total, May 1935	215,055	473,790	687,532	1,604,436
Total, May 1934	168,820	550,279	556,920	1,744,746

[9] Except as otherwise classified. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of May 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	9	50,446	.....	11	61,658	[11] 116,322
East coast United States and:						
South America	2	9,467	2,747	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,826	[12] 6,685
East coast Canada and South America	1	7,717	.....	4	20,335	41,157
South American intercoastal	1	5,056	9,810	.....	.....	.....
West Indies and:						
United States	4	18,600	.....	.....	.....	.....
South America	.....	.....	.....	2	13,988	29,031
Balboa	2	10,354	20,809	.....	.....	.....
Europe and:						
United States	1	5,966	.....	4	22,527	45,785
South America	5	32,376	.....	8	49,504	101,243
Total	25	139,982	33,366	30	171,838	340,223

[11] 6,800 tons Lignin binder. [12] Coconut oil.

Comparison of Canal Traffic in May 1936, with May Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of May			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[13] 137	475	584	1915	[14] 100	361	466
1916	123	385	480	1916	60	199	258
1917	140	468	596	1917	145	483	588
1918	193	658	758	1918	165	547	627
1919	166	566	642	1919	162	510	576
1920	219	852	975	1920	199	712	781
1921	206	864	793	1921	232	950	966
1922	236	1,032	1,158	1922	222	951	907
1923	415	2,128	2,265	1923	325	1,550	1,631
1924	410	2,085	2,354	1924	429	2,179	2,249
1925	366	1,847	1,823	1925	382	1,904	1,996
1926	456	2,242	2,416	1926	424	2,064	2,169
1927	447	2,247	2,378	1927	441	2,184	2,311
1928	498	2,273	2,496	1928	521	2,453	2,468
1929	515	2,496	2,536	1929	524	2,485	2,554
1930	470	2,418	2,261	1930	502	2,497	2,502
1931	411	2,183	1,924	1931	447	2,314	2,089
1932	345	1,956	1,676	1932	364	1,968	1,650
1933	342	1,882	1,628	1933	347	1,900	1,513
1934	459	2,566	2,302	1934	436	2,379	2,059
1935	424	2,366	2,292	1935	432	2,317	2,109
1936	488	2,504	2,420	([15])	446	2,325	2,186

[13] Canal opened August 15, 1914. [14] Average for 10½ months. [15] Average for 11 months of fiscal year 1936.

Terminal Activities

Ships repaired during the month of May 1936 numbered 59; of this number 13 were drydocked. Fuel oil in the quantity of 259,618 barrels was delivered as bunkers to 107 commercial ships. Bunker coal amounting to 3,038 tons was delivered to 18 commercial ships. Sales of commissary supplies to ships aggregated $109,956.43.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	24,195	9,931	34,126
Local cargo shipped ... tons	5,081	1,173	6,254
Cargo received for transshipment ... tons	42,835	1,059	43,894
Cargo transshipped ... tons	45,018	524	45,542
"Canal Zone for Orders" cargo:			
Number of receipts issued	11	2	13
Number of releases issued	48	11	59
Tons received	85	4	89
Tons withdrawn	128	5	133

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	611	3,535,602	2,147,968	676	4,019,917	2,768,443
Vessels entering port but not transiting Canal	60	326,733	185,529	111	807,776	786,357
Vessels transiting Canal and handling passengers and cargo at terminal ports	146	953,232	550,954	104	760,739	439,484
Ships clearing						
All vessels, including those transiting Canal	586	3,508,740	2,115,060	680	4,054,781	2,790,170
Vessels clearing port but not transiting Canal	61	341,635	193,941	110	896,107	785,322
Vessels transiting Canal and handling passengers and cargo at terminal ports	147	961,940	554,465	106	778,299	448,592

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, May 15, 1936, to midnight, June 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Manizales, 1,108, 396
Juan S. Elcano, 0, 495½
Pasajero, 0, 17
Haiti, 386, 724
Ulua, 616, 314
Iris, 1,067½, 0
Colombia, 41, 679
Leticia, 37½, 87
Istmo, 0, 304
Ancon, 0, 869
Cordillera, 341, 57
Hoegh Merchant, 430, 58
Mosel, 91, 441
Veragua, 25, 415
San Vincente, 177, 4
Antofagasta, 217, 0
Cerigo, 48, 414
Saale, 223, 243
Kinai Maru, 0, 321
Feltre, 642, 114
Onsabruck, 199, 167
Salvador, 0, 721½
Reina del Pacifico, 12, 41
Cacique, 272, 7 pkgs.
Santa Barbara, 254, 1
Canadian Conqueror, 107, 1,020
Contessa, 128, 801
Invercórrie, 768, 0
San Diego, 423, 362
Envoy, 1, 0
Grenland, 821, 1,257
Kwansai Maru, 1,243, 133
San Jose, 48, 136
Clio, 525, 154
Trois Ilets, 272, 0
Guayaquil, 1,296, 656
Pereira, 732, 133
Nuevo Panama, 2, 236
Quirigua, 94, 26
Santa Rita, 25, 267
West Cactus, 685, 52
Santa Marta, 1,119, 233
President Adams, 0, 1
Lochgoil, 256, 201¼
Orazio, 68, 104
Boskoop, 231, 74
Deroche, 5, 0
Pastores, 281, 1,486
Cumbal, 180, 215
Calamares, 309, 836
Margaret Lykes, 349, 300
Flottbek, 145, 241
Stella, 0, 125
Laurits Swenson, 7, 313
Eulota, 8,732, 0
Istmo, 699, 789
Dakarian, 213, 11
Amerika, 0, 122
Durazzo, 1,070, 0
Weser, 377, 74
Quirigua, 34, 62
Cordillera, 28, 549
Norfolk Maru, 430, 0
Bodegraven, 71, 545
Assuan, 0, 282
Elbe, 287, 219
Paula, 278, 23½
Santa Paula, 172, ½
Iris, 283, 4
Knute Nelson, 1,364, 60
Washington, 509, 6½
Nebraska, 182, 196
Atlantida, 431, 419
Acajutla, 315, 337
Santa Lucia, 422, 19
Bochum, 368, 87
Venezuela, 121, 5
Cristobal, 2,417, 774
R. L. Hustler, 1½, 0
Santa Maria, 395, 299
Tsuyama Maru, 288, 0
Axel Johnson, 0, 397
Santa Elena, 221, 269
Peten, 100, 11
Sixaola, 709, 343
Orbita, 107, 652
Ino, 408, 160
Tai Yang, 891, 0
Noshiro Maru, 688, 0
Toloa, 472, 686
Colombia, 218, 1,019
Tainui, 197, 0
Husvik, 615, 0
Washington, 431, 240
Saarland, 91, 424
Troja, 10½, 499
Venezuela, 7, 1,457
De La Salle, 45, 505
Istmo, 10, 283
Peten, 31, 10
San Gabriel, 185, 1
Chimu, 334, 0
Damsterdijk, 205, 234
Cellina, 62, 97
Arica, 705, 0
Trois Ilets, 331, 9
San Anselmo, 29, 0
Santa Inez, 67, 22
Durazzo, 142, 481
Cefalu, 358, 1,092
Pereira, 999, 0
Mayan, 418, 501
Nuerberg, 40, 429
Cali, 1,175, 22
Hoegh Carrier, 371, 0
Nuevo Panama, 0, 368
Sutherland, 666, 43
Narenta, 181, 11
Commissaire Ramel, 13, 0
Aachen, 98, 355
Canadian Scottish, 78, 554
Buenaventura, 1,637, 547
Tivives, 735, 171
Veragua, 121, 4
Nankai Maru, 938, 38
Clio, 362, 97
Costa Rica, 446, 200 lbs.
Iris, 270, 221
Cacique, 165, 377
Haiti, 222, 968
Pennsylvania, 77, 3
Ulua, 306, 806
Laguna, 126, ¾
Portland, 150, 80
Balboa, 0, 49
Governor, 187, 0
Cali, 0, 334
Istmo, 580, 142
Cerigo, 755, 127
Stella Lykes, 393, 291
Veragua, 44, 85
President Cleveland, 159, 0
Santa Rosa, 171, 0
Alkmaar, 200 lbs, 133½
Abraham Lincoln, 7½, 148
Contessa, 260, 238
Lobos, 10, 290
Illinois, 2,509, 0
Salvador, 453, 475
Middlesex, 25, 0
Chincha, 194, 101
Santa Clara, 730, 6
Santa Lucia, 380, 473
Phrygia, 0, 602
Ancon, 2,202, 905
Granville, 1,005, 2
Ino, 581, 106
La Islena, 1, 1½
Quirigua, 143, 2
Deroche, 413, 0
Santa Paula, 219¼, 251
California, 338, 7
Metapan, 605, 457
Tacoma, 104, 284
Nuevo Panama, 0, 352
Colombie, 69, 1,018
Trois Ilets, 313, 28
Canadian Challenger, 0, 352
Pastores, 491, 791
Calamares, 360, 757
Costa Rica, 3, 892
Istmo, 411, 157
Real, 31, 71
Sona, 32, 68
Manvantara, 12,356, 0
Manizales, 694, 7
Marques de Comillas, 261, 272¼
Roda, 12, 80
City of Batavia, 98, 5
Acajutal, 332, 0
Cumbal, 179, 0
Quirigua, 51, 120
Arizona, 104, 0
Bennekom, 87, 428
Deborah, 0, 48
Caribia, 146, 19

BALBOA

Republic, 642, 295
Chiriqui, 887, 31
Pennsylvania, 20, 0
Neches, 6,107, 0
Santa Barbara, 3, 0
Deroche, 259, 0
Santa Rita, 190, 34
President Adams, 1, 0
Cumbal, 5, 45
Talamanca, 671, 30
Santa Paula, 163, 1
Acajutla, 15, 0
Bodegraven, 220, 18
Santa Lucia, 44, 0
Bokuyo Maru, 17, 13
Knute Nelson, 986, 0
Iocoma, 1,609, 0
Tai Yang, 294, 0
Ludington, 644, 434
Santa Maria, 371, 33
Santa Elena, 31, 27
Orbita, 0, 5
Antigua, 714, 99
Acajutla, 0, 4
Istmo, 165, 0
Mayan, 0, 11
Plow City, 8, 0
Vega, 104, 30
President Harrison, 3, 0
Pennsylvania, 0, 109
Santa Isabel, 472, 114
Cacique, 15, 46
Santa Rosa, 276, 0
Ward, 162, 0
Mayan, 0, 7
Salvador, 1, 0
Oregon Maru, 143, 0
Republic, 659, 111
Santa Clara, 154, 10
Chincha, 6, 84
Granville, 703, 58
President Lincoln, 0, 10
Santa Lucia, 160, 87
West Nilus, 2,825, 0
Santa Paula, 9, 60
Marie Bakke, 144, 0
Indra, 144, 0
Tamaroa, 50, 0
Talamanca, 633, 0
Acajutla, 2, 0
India, 0, 54
Bennekon, 141, 19
Cumbal, 1, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,533; embarking, 2,583; at Balboa, 1,002 disembarking and 1,441 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 2,422, from the Pacific to the Atlantic, 6,023. Aircraft numbering 43 entered Cristobal, and 168 passengers disembarked; clearances were 43, with 136 passengers embarking; at Balboa entries of aircraft were 20, with 68 passengers disembarking; clearances, 20, with 46 passengers embarking.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies, available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Movements of Ocean Vessels Through the Panama Canal

From midnight May 15, 1936, to midnight June 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Margaret Johnson.[2]	15	16	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	3,774
Ino[2]	14	16	Neth.	Royal Neth. S. S. Co.	Amsterdam, Neth	Guayaquil, Ecua.	General	173
Fernhill[2]	16	16	Nor.	LongIs.Mach.&Equip.	New Orleans, La.	Yawata, Japan	Scrap iron	7,098
Sveadrott[2]	16	16	Swed.	Stockholm Red. Svea.	Goth'burg, Swed.	Valparaiso, Chile.	Gen., paper	1,204
Chaucer	16	16	Brit.	Glover Brothers	Cardiff, England.	Vancouver, B. C.	Ballast	
King James[2]	16	16	Brit.	Dodd Thomson & Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	
Gen. M. H. Sherman.	16	16	Amer.	Isthmian S. S. Lines	New York, N. Y.	Portland, Oreg.	Steel rails	8,651
Vermar	16	16	Amer.	Calmar S. S. Corp.	New York, N. Y.	Seattle, Wash.	Steel, gen.	8,018
Chilore	13	16	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Appledore	16	16	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Kentuckian	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,754
Brazos[2]	17		Amer.	U. S. Navy	Guantan'o, Cuba	Balboa, C. Z.	Fuel oil	
Ruahine	17	17	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	4,350
Steel Scientist	16	17	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Penang, St. Sett.	Steel, gen.	7,465
Chetopa	17	17	Amer.	Nelson Line	Baltimore, Md.	Seattle, Wash.	Coal, gen.	3,049
Orotava	17	17	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
El Ciervo[2]	17	18	Brit.	C. T. Bowring & Co.	Falmouth, Eng.	Cabo Bl'co, Peru	Ballast	
Fernbrook[2]	17	17	Nor.	Maersk Line	Baltimore, Md.	Manila, P. I.	General	3,832
Iris	16	17	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Heronspool	17	17	Brit.	Pool Shipping Co.	W.Hartlep'l,Eng.	Vancouver, B. C.	Ballast	
Istmo	9	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
Willboro	17	17	Amer.	Williams S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,016
Leticia[3]	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	90
Tuira[2]	16		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu[2]	16		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Col. Riche[5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
Martin Bakke[2]	17	18	Nor.	Knutsen O. A. S.	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Sandpiper[10]	10		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Mosel	17	18	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,094
Asosan Maru[2]	17	18	Jap.	Mitsui & Co.	New York, N. Y.	Kobe, Japan	Cotton, gen.	4,757
Point Palmas	18	18	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,481
K. I. Luckenbach.	18	18	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	General	1,234
Salvador	12	18	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	721
American Cardinal.	18	18	Amer.	Stauffer Chemical Co.	Wilmington, Del.	S. Francisco, Cal.	(16)	5,045
Kinai Maru[2]	18	18	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,138
San Vincente	18	18	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	6,034
Cerigo	18	18	Ger.	Hamburg-Amer. Line.	Rio Hacha, Col.	Guayaquil, Ecua.	(17)	635
Maria Christina[3]	18	18	Pan.	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	1
Pirate[3]	18		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		
Pan Aruba[1, 2]	18	19	Nor.	Huasteca Pet. Co.	Hull, England	Talara, Peru	Ballast	
Chinese Prince[2]	19	19	Brit.	Prince Line, Ltd.	Philadelphia, Pa.	Hongkong, China	General	2,437
Harpoon	19	19	Amer.	Shepard S. S. Co.	Boston, Mass.	Portland, Oreg.	General	4,317
Hawaiian	19	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,703
Neches[5]	19		Amer.	U. S. Navy	Guantan'o, Cuba	San Diego, Calif.	Fuel oil	
Steelore	19	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Guanajuato[13]	16	19	Mex.	Mexican Government	Trinidad, B. W. I.	Acapulco, Mexico	Ballast	
Huntingdon	19	20	Brit.	FederalSteamNav.Co.	Newport, Eng.	N.Plymouth,N.Z.	(18)	9,936
Selma City	19	20	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	General	8,274
Empire Star[2]	19	20	Brit.	Blue Star Line	London, England	Auckland, N. Z.	Ballast	
Mauna Ala	20	20	Amer.	Matson Isthmian Line	Baltimore, Md.	Honolulu, T. H.	Gen., steel	3,323
William A. McKenney.	20	20	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	4,770
W. M. Delphia[3]	20	20	Hond.	W. S. McNab	Pto.Castilla,Hon.	Amapala, Hond.	Ballast	
Elizabeth Kellogg[2]	20	20	Amer.	Kellogg S. S. Corp.	New Orleans, La.	Los Angeles, Cal.	Ballast	
Wright[14]	10	22	Amer.	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	Ballast	
Sheafcrown	20	21	Brit.	W. A. Souter	Novor'k,U.S.S.R.	Tacoma, Wash.	Gold ore	8,090
Ramapo[4]	18	23	Amer.	U. S. Navy	Guantan'o, Cuba	San Diego, Calif.	Fuel oil	10,000
Kinugasa Maru[2]	20	21	Jap.	Kokusai Kisen Kaisha	Baltimore, Md.	Kobe, Japan	Gen., cotton	6,446
Svealand[2]	21	21	Swed.	Ore S. S. Corp.	Sparrows Pt., Md.	Cruz Gr'de, Chile	Ballast	
Pacific	21	21	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	General	4,324
Muncaster Castle[2]	21	21	Brit.	Jas. Chambers & Co.	New York, N. Y.	Moji, Japan	Gen., scrap	4,420
Teal[10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch[3]	21		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		
J-26[5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Adams.	22	22	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,051
San Jose	21	22	Fr.	French Line	Havre, France	Vancouver, B. C.	General	6,216
Arna[2]	21	22	Nor.	Hasegawa & Co.	Houston, Tex.	Kamaishi, Japan.	Scrap iron	7,011
Virginia	22	22	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,559
Sheaf Holme	21	22	Brit.	Silver Line, Ltd.	Dublin, I. F. S.	Vancouver, B. C.	Ballast	
Nanman Maru	21	22	Jap.	Yamashita K. Kaisha.	Baltimore, Md.	Vancouver, B. C.	Ballast	
Trafalgar	22	22	Brit.	Canadian Transp. Co.	Middlesbr'h,Eng.	Vancouver, B. C.	Steel	1,673
Trebartha	22	22	Brit.	Haiu S. S. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Gunboat. [14] Aircraft tender. [15] For bananas and return to Cristobal. [16] Machinery, sulphur. [17] Lard, gasoline, flour, etc. [18] Explosives, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
W. S. Miller [1]	22	22	Amer.	Standard Oil Co.	New York, N. Y.	S. Francisco, Cal.	Ballast	
Santa Rita [2]	22	23	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,197
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
Orazio [2]	22	23	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	263
Rio de Janeiro Maru. [2]	22	23	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	General	4,343
Horace Luckenbach.	22	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,593
Point Gorda	22	23	Amer.	Gulf-Pacific Line	Tampa, Fla.	Seattle, Wash.	General	4,183
Stirling [2]	22	23	Brit.	Anglo-Can. S. S. Co.	N. London, Conn.	Vancouver, B. C.	Ballast	
Rossington Court.	23	23	Brit.	Canadian Transp. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Filleigh	23	23	Brit.	Anglo-Can. S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Clio [2]	21	23	Neth.	Royal Neth. S. S. Co.	Pto.Barrios,Guat.	Guayaquil, Ecua.	General	139
Oakmar	23	23	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,813
Wichita [2]	23	24	Amer.	Roosevelt S. S. Co.	Paulsboro, N. J.	Adelaide, Aust'lia	General	4,193
Minnesotan	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,778
Pacific Trader [2]	23	24	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	500
Cumbal [2]	23	24	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,545
Imperoyal [1]	23	24	Brit.	Imperial Oil Co.	Baytown, Tex.	Talara, Peru	Gasoline	2,747
Stella	23	24	Dan.	Wessel, Duval & Co.	New York, N. Y.	Valparaiso, Chile.	General	781
Moveria [2]	23	25	Brit.	Donaldson Brothers.	Glasgow, Scot.	Vancouver, B. C.	General	537
Bulysses [2]	23	24	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Manizales	16	24	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	396
Willesden	24	24	Brit.	Andrew Weir & Co.	New York, N. Y.	Yokohama, Japan	Scrap steel	7,737
Peebles [2]	24	24	Brit.	Anglo-Can. S. S. Co.	Sunderland, Eng	Vancouver, B. C.	Ballast	
Steel Mariner	24	24	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Honolulu, T. H.	Gen., steel	8,191
Istmo	23	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Cement, gen.	500
Nordbo [2]	24	25	Dan.	Anglo-Can. S. S. Co.	Cockburn, Eng.	Vancouver, B. C.	Salt	1,550
Yrsa [2]	25	25	Dan.	J. Lauritzen	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Magnolia [1]	25	25	Amer.	Texas Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Hoyanger [2]	25	25	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	General	1,761
Eulota [1] [2]	23	25	Neth.	LaCorona S. S. Co.	Curacao, D. W. I.	S. Francisco, Cal.	Ballast	
Weser [2]	24	25	Ger.	North German Lloyd.	Bremen, Ger.	Vancouver, B. C.	General	7,121
Trois Ilets	21	25	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Maria Cristina [3]	25	25	Pan.	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	2
Gen. Wm. M. Graham. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Grenland	20	26	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,258
Pereira	21	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	245
Alpaca [2]	23	26	Brit.	Kyuquut Trawlers	Halifax, N. S.	Victoria, B. C.	Ballast	
Mathew Luckenbach.	26	26	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	8,296
Nuevo Panama [2]	21	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	230
Moldanger [2]	26	26	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	S. Francisco, Cal.	General	15
Bodegraven	25	27	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,716
Assuan [2]	25	26	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Yawata, Japan	([13])	7,243
Montanan	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,700
Nebraska	26	27	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	([14])	3,707
Tyr [2]	26	27	Nor.	Canadian Transp. Co.	Georgetown, B.G.	Vancouver, B. C.	Sugar	6,500
Etrema [1] [2]	26	27	Neth.	Pet. My La Corona	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Anglo Saxon	26	27	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Knute Nelson [4]	26	28	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	4,757
Washington	26	27	Amer.	Calif. Eastern Line	New York, N. Y.	Portland, Oreg.	([15])	3,745
Emergency Aid	27	28	Amer.	Pac. Arg. Brazil Line.	Buenos Aires, Arg.	Seattle, Wash.	([16])	4,422
Vinemoor [2]	27	28	Brit.	W. Runciman & Co.	Falmouth, Eng.	San Marcos, Cal.	Ballast	
Fernlane [2]	28	28	Nor.	Fern Lines	Savannah, Ga.	Moji, Japan	General	7,031
Amerikaland [2]	28	28	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Santa Maria [2]	28	29	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,158
Lillian Luckenbach.	28	28	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,117
Mataroa	28	29	Brit.	Shaw, Savill & Albion	London, England	Pt. Chalm's, N. Z.	General	3,700
Lake Osweya [2]	28	29	Amer.	Ford Motor Co.	Chester, Pa.	Long Beach, Cal.	Auto. parts	2,439
Santa Elena	29	30	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Gen., coffee	3,141
Elona [1] [2]	29	29	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Iddesleigh	29	30	Brit.	Canadian Transp. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Enoch [1]	29		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]		
Orbita	29	30	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,527
E. T. Bedford [1] [2]	29	30	Amer.	Standard Oil of N. J.	New York, N. Y.	Talara, Peru	Ballast	
Ary Lensen [2]	29	30	Brit.	C. D. Mallory & Co.	New York, N. Y.	Powell Riv., B. C.	Ballast	
Ino [2]	29	30	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	145
Calgarolite [1] [2]	30	30	Brit.	Imperial Oil Co.	Montreal, Can.	Talara, Peru	Ballast	
American	30	30	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,241
Saarland	30	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,797
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
Acajutla	26	31	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Acajutla, Sal'dor.	General	333
Congella [2]	30	31	Brit.	Schiaonne Bonoma	New York, N. Y.	Yawata, Japan	Scrap iron	6,800
Ruth	30	31	Swed.	Chile N. Amer. Line.	New York, N. Y.	Valparaiso, Chile.	Sugar, gen.	3,638
Heimvard [2]	30	31	Nor.	W. I. Trading Co.	Aalborg, Den.	Guayaquil, Ecua.	Cement	7,582

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [11] Mine planter. [13] Iron, cotton, etc. [14] General, coke, rags, etc. [15] Steel, automobiles, general. [16] General, coffee, etc. [17] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Dorothy Cahill	31	31	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	6,445
Telamon	31	31	Neth.	Baath S. S. Co.	Iquitos, Peru	Callao, Peru	Lumber	888
Berganger [2]	31	31	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	([14])	57
Port Dunedin [2]	31	31	Brit.	Com'lth & Dom. Line.	London, England	Auckland, N. Z.	General	5,700
Gothic Star	31	31	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Wind Rush	31	31	Amer.	Shepard S. S. Co.	Boston, Mass.	Portland, Oreg.	General	4,680
Allegheny [4]	31		Amer.	U. S. Navy	High seas	Balboa, C. Z.	Ballast	
Tuira [2]	30		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	30		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	30		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	30		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
King Edwin [2]	31	1	Brit.	Canadian Transp. Co.	Cardiff, England	S. Francisco, Cal.	Ballast	
Istmo	31	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	350
Monkleigh	31	1	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Snestad [2]	31	1	Nor.	Fern Line	New York, N. Y.	Kamaishi, Japan	Scrap iron	7,011
Empire Arrow [1]	31	1	Amer.	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	
Point Clear	31	1	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	([15])	5,778
Forbes Hauptman	31	1	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	5,887
Asuka Maru [2]	1	1	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Gen., coffee	8,798
Chester Sun [1] [2]	1	1	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Armadale [2]	1	1	Brit.	Australian Amer. Line	New York, N. Y.	Adelaide, Aus'lia.	General	5,647
San Gabriel	1	1	Amer.	Pacific-Atlantic Corp.	New York, N. Y.	Seattle, Wash.	General	3,570
Maria Cristina [3]	1	2	Pan.	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	2
Henderson [3]	1	4	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	809
Fernbank [2]	1	2	Nor.	Fern Line	Pt. Tarafa, Cuba	Yokohama, Japan	Scrap iron	7,213
Erviken	2	2	Nor.	Mitsubishi & Co.	Boca Gr'de, Fla.	Yokohama, Japan	Phosphate	9,540
Nora Maersk [2]	2	2	Dan.	Isbrandtsen Moller Co.	Boston, Mass.	Cebu, P. I.	General	7,531
San Anselmo	2	2	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,231
Cellina [2]	1	2	Ital.	Nav. Libera Triestina.	Trieste, Italy	Vancouver, B. C.	([16])	1,076
Flomar	2	2	Amer.	Calmar Line	Phildelphia, Pa.	Seattle, Wash.	Steel, gen.	7,903
Trois Ilets	1	2	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	14
Macoma [1] [2]	2	2	Neth.	Anglo-Saxon Pet. Co.	Amsterdam, Neth.	Los Angeles, Cal.	Ballast	
Koranton	2	2	Brit.	Empire Shipping Co.	Tyne, England	Vancouver, B. C.	Ballast	
Durazzo	1	2	Ger.	Hamburg-Amer. Line.	Cartagena, Col.	Guayaquil, Ecua.	General	568
Caledonia [1] [2]	2	3	Nor.	Lorentzens Skibs. A/S.	Hull, England	Richmond, Calif.	Ballast	
Glenardle	2	3	Brit.	Co. Francaise Phos.	Cardiff, England	Papeete, Soc. Is.	Coal	4,053
Kano Maru [2]	3	3	Jap.	Kokusai Kisen Kaisha	Philadelphia, Pa.	Kobe, Japan	General	7,140
Acavus [1] [2]	3	3	Brit.	Shell Oil Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Dalcairn	3	3	Brit.	N. Z. Shipping Co.	Three Riv., Can.	Sydney, Australia	([17])	4,550
Trimountain [1]	3	3	Amer.	Shell Oil Co.	P'th Amboy, N.J.	Los Angeles, Cal.	Ballast	
Noto Maru [2]	3	3	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	7,505
Trentbank	3	4	Brit.	Texas Oil Co. & Freeport Sulphur Co.	Galveston, Tex.	Adelaide Aus'lia.	General	8,651
Point Lobos	3	3	Amer.	Swayne & Hoyt	New Orleans, La.	Tacoma, Wash.	Steel, gen.	4,272
Mobile City	3	3	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	6,780
Nebraskan	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,242
City of Canton	3	3	Brit.	Amer.-Australian Line	New York, N. Y.	Sydney, Australia	General	4,878
President de Vogue. [1] [2]	3	3	Nor.	Comp. des Prod. de Chemiques Raff. de B.	Port de Bouc, Fr.	Talara, Peru	Ballast	
J-46 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Wisconsin	4	4	Amer.	Bulk Carriers Corp.	New York, N. Y.	Portland, Oreg.	Automobiles	500
Piako	3	4	Brit.	N. Z. Shipping Co.	Cardiff, England	Wellington, N. Z.	Ballast	
Anniston City	4	4	Amer.	Isthmian S. S. Lines	New York, N. Y.	Honolulu, T. H.	([19])	6,254
Georgian	4	4	Amer.	Williams S. S. Co.	New York, N. Y.	Seattle, Wash.	General	6,710
Sutherland	3	4	Amer.	Nelson Line	Philadelphia, Pa.	Seattle, Wash.	General	1,700
Nuevo Panama [2]	2	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Gen., cement	175
Nurnberg [2]	3	4	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	5,089
Tokai Maru [2]	4	4	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Dairen, China	General	7,749
Dorothy Luckenbach.	4	4	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	4,436
Narenta	4	4	Brit.	Royal Mail Lines	S'hampton, Eng.	Portland, Oreg.	General	2,720
Vega [13]	2	6	Amer.	U. S. Navy	Norfolk, Va.	Bremerton, Wash.	General	3,263
President Harrison.	5	5	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,791
Pennsylvania	5	5	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,560
City of Dalhart [2]	4	5	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	6,084
Agwiworld [1]	5	5	Amer.	Richfield Oil Co.	Houston, Tex.	Los Angeles, Cal.	Gasoline	7,881
Oregon	5	5	Amer.	Bulk Carriers Corp.	Newp't News, Va.	Du Pont, Wash.	([20])	3,351
Tai Yin [2]	5	5	Nor.	Barber Line	Tampa, Fla.	Japan	Phosphate	8,408
Enoch [3]	5		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]		
Tosca [2]	5	6	Nor.	Knut Knutsen Line	Liverpool, Eng.	San Antonio, Chile	Ballast	
Clio [2]	5	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	87
Tercero [2]	6	6	Nor.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	3,482
Santa Isabel	6	7	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	1,638
Nevadan	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,025
Cressington Court [2]	6	6	Brit.	Canadian Transp. Co	Montreal, Canada	Vancouver, B. C.	General	4,589
Lancaster	6	6	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	Steel, gen.	4 484

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [13] Auxiliary. [14] Bales of rag. [15] Iron, steel, lumber. [16] Wines, cork, etc. [17] Newsprint paper. [18] For bananas and return to Cristobal. [19] Sulphate ammonia, tinplate, automobiles. [23] Nitrates, automobiles.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Pennsylvania	6	6	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	3,038
Kayeson	6	6	Brit.	Lonzls.Mach.&Equip.	Baltimore, Md.	Moji, Japan	Scrap iron	7,063
Cacique	6	7	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,269
Ensley City	6	7	Amer.	Isthmian S. S. Lines.	Swansea, Eng.	Vancouver, B. C.	General	4,586
Hanover	6	7	Amer.	Lykes Bros.-Ripley	Mobile, Ala.	Cebu, P. I.	Gen., cotton.	6,996
Tricolor [2]	6	7	Nor.	Barber Wilhelmsen	New York, N. Y.	Moji, Japan	([14])	6,540
Oregon Express [2]	7	7	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	
Clytoneus [2]	7	7	Brit.	Alfred Holt & Co	Philadelphia, Pa.	Kobe, Japan	General	6,551
Uyo Maru	7	7	Jap.	Mitsui Line	Philadelphia, Pa	Tacoma, Wash.	Ballast	
Houston City [2]	7	7	Brit.	Reardon-Smith Line.	Nov'sk, U.S.S.R.	Tacoma, Wash.	Gold ore	9,000
Cali	7	7	Ger.	North German Lloyd.	Cartagena, Col.	Guayaquil, Ecua.	General	643
Pacific Reliance [2]	7	8	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,026
Tuscan Star [2]	8	8	Brit.	Blue Star Line	Liverpool, Eng.	Dunedin, N. Z.	General	6,182
Mayan	2	8	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	511
Trontolite [1] [2]	8	9	Brit.	Imperial Oil Co	Montreal, Can.	Talara, Peru	Gasoline	2,261
Istmo	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	250
C. O. Stillman [1] [2]	7	9	Brit.	International Pet. Co.	New York, N. Y.	Talara, Peru	Ballast	
Susan V. Luckenbach	8	9	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	Gen., autos.	1,290
Republic [8]	8	10	Amer.	U. S. Army	Brooklyn, N. Y.	Honolulu, T. H.	General	2,048
Reginolite [1] [2]	9	9	Brit.	Imperial Oil Co	Caripito, Venez.	Tocopilla, Chile.	Fuel oil	12,006
Pirate [3]	9		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		
Enoch [3]	9		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	([15])	
Lobos [2]	9	10	Brit.	Pacific Steam Nav.Co.	Hull, England	Talcahuano,Chile	General	3,785
Siredal	9	10	Nor.	Grace Line	Norfolk, Va.	B'ventura, Col.	Sugar	2,375
Florence Luckenbach.	9	10	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	8,270
Arizonan	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,155
Baron Tweedmouth.	10	10	Brit.	H. Hogarth & Son	Baltimore, Md.	Iquique, Chile	Ballast	
Dr. Brinkley II [6]	9	12	Amer.	J. R. Brinkley	Galveston, Tex.	Cocos Is., C. R	Ballast	
Bethore	10	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Chincha	10	11	Amer.	Grace Line	New York, N. Y.	Talcahuano,Chile	([16])	1,984
Maria Cristina [3]	10	10	Pan.	A. Tagaropulos	Cristobal, C. Z.	El Real, R. P.	General	2
President Lincoln.	11	12	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	Gen., autos.	5,431
Eleanor Christenson.	10	11	Amer.	Sudden & Christenson	New York, N. Y.	Seattle, Wash.	General	3,484
William Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,940
Stjerneborg [2]	11	11	Dan.	Anglo-Can. Ship. Co.	New York, N. Y.	Vancouver, B. C.	Ballast	
Jane II [6]	8	14	Amer.	W. W. Filter, Jr	Miami, Fla.	Los Angeles, Cal.	Ballast	
Elwood [1]	11	11	Amer.	Shell Oil Co	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Illinois [1]	9		Amer.	The Texas Co	Pt. Arthur, Tex.	Balboa, C. Z.	([17])	3,158
Santa Lucia	10	12	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,187
Granville [2]	11	12	Pan.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	Cement, gen.	1,970
Captain Harry [5]			Amer.	U. S. Army	Cristobal, C. Z	Gatun, C. Z.	Ballast	
Port Darwin	12	12	Brit.	Com'lth & Dom. Line.	Philadelphia, Pa	Fremantle, Au'lia	General	6,612
Daylight [1] [2]	12	12	Amer.	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	
Santa Paula	12	13	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	General	3,944
Deroche [1]	12	12	Amer.	Union Oil Co	Tiverton, R. I.	Los Angeles, Cal.	Ballast	
Thistleford	12	12	Brit.	Mitsubishi Shoji K.	New York, N. Y	Kobe, Japan	Scrap iron	7,700
Marie Bakke [2]	12	13	Nor.	Knut Knutsen, O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	General	1,766
Tacoma	12	13	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	7,630
Ino [2]	11	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	92
California	12	13	Amer.	States S. S. Co	Albany, N. Y.	Seattle, Wash.	([18])	4,307
Northumberland	12	13	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	5,670
Massmar	12	13	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,827
Gertrude Kellogg [1]	12	13	Amer.	Kellogg S. S. Corp.	New Orleans, La.	S. Francisco, Cal.	([19])	1,000
Wildwood	13	13	Amer.	Shepard S. S. Co.	New York, N. Y.	Portland Oreg.	General	3,320
Lebore	13	13	Amer.	Bethlehem Steel Co.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
West Notus	13	13	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	7,208
Nuevo Panama [2]	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	140
Svithiod [1] [2]	13	13	Pan.	W. Tankschiff Rhed'i.	Falmouth, Eng.	Talara, Peru	Ballast	
El Oso [1]	13	14	Brit.	C. T. Bowring & Co.	Ellesm'rePt.,Eng.	Cabo Bl'co, Peru.	Ballast	
Lt. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z	Balboa, C. Z.	Ballast	
Boren	13	14	Swed.	Transatlantic S. S. Co.	Albany, N. Y.	Vancouver, B. C.	Ballast	
Californian [2]	13	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,883
Penrose	13	14	Brit.	Anglo-Can. Ship. Co.	Cardiff, Eng.	Vancouver, B. C.	Ballast	
Istmo	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	230
Parthenia	14	14	Brit.	Donaldson Brothers	Glasgow, Scot.	Portland, Oreg.	General	1,013
Memphis City	14	14	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	General	4,418
Laganbank [2]	14	14	Brit.	Bank Line, Ltd.	Philadelphia, Pa	Cebu, P. I.	General	5,925
India [2]	14	15	Dan.	East Asiatic Co.	Copenhagen,Den.	Los Angeles, Cal.	Ballast	
Point Salinas	14	14	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,981
Salvador	9	14	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z	Champ'ico, Guat.	General	475
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	40

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [13] For bananas and return to Cristobal. [14] Scrap iron, general. [15] Towing barge *No. 5390*. [16] Dynamite, general. [17] Gasoline, kerosene. [18] General, steel, iron, etc. [19] Cottonseed oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sona [2]	13	14	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	45
Cuyama [1]	14	15	Amer.	U. S. Navy	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Roda [2]	14	15	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,825
Steel Inventor	15	15	Amer.	Isthmian S. S. Lines.	Savannah, Ga	Singapore, St. Set.	General	7,176
Amagisan Maru [2]	15	15	Jap	Mitsui Bussan Kaisha	Baltimore, Md.	Moji, Japan	([17])	7,284
Willhilo	15	15	Amer.	Williams S. S. Co	Baltimore, Md.	Seattle, Wash	General	4,733
City of Batavia	14	15	Brit	Fllerman Lines, Ltd.	Montreal, Can.	Adelaide, Aus'lia.	General	4,235
Arizona	15	15	Fr	French Line	Havre, France	Ant'fagasta, Chile	General	58
Tilthorn	15	15	Nor	Chile. Nit. Sales Corp.	Baltimore, Md.	Valparaiso, Chile.	Coal	9,127
Bennekom	15	16	Neth	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,851
Enoch [5]	15	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lebore	16	16	Amer.	Bethlehem Steel Co.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,900
San Clemente	16	16	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,560
Sambu [2]	16	17	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	19
Amagisan Maru [2]	16	16	Jap	Mitsui Bussan Kaisha	Cebu, P. I.	New Nork, N. Y.	General	7,335
Republic [8]	15	17	Amer.	U. S. Government	Honolulu, T. H.	New York, N. Y.	Army stores	717
Iris	16	17	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	968
Manizales	16	24	Ger	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,005
Leticia [2]	16	17	Pan	A. Tagaropulos	Darien, R. P	Cristobal, C. Z.	Bananas	45
Charles R. McCormick.	16	16	Amer.	McCormick S. S. Co.	S. Francisco, Cal.	Philadelphia, Pa.	Gen., lumber	8,160
Tuira [2]	16	17	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	59
Luossa [2]	16	17	Swed.	Chile Nit. Sales Corp.	Tocopilla, Chile.	New Orleans, La.	Nit. of soda	8,410
Hoegh Merchant [2]	16	17	Nor	Kawasaki K. Kaisha.	Dairen, China	Houston, Tex.	General	4,008
Rajahstan	17	17	Brit	Montreal Shipping Co.	Vancouver, B. C.	Antwerp, Belg.	Wheat	9,703
Gracia	17	17	Brit	Donaldson Bros	Vancouver, B. C.	Glasgow, Scot	General	5,919
Peter Kerr	17	17	Amer.	Quaker Line	S. Francisco, Cal.	Philadelphia, Pa.	General	8,241
Panaman	17	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,196
Santa Clara Valley	17	17	Brit	Sir W. R. Smith & Son	Dairen, China	Cobh, I. F. S. [16]	Soy beans	8,200
Prince Pavle	17	17	Y-Slav	Nitrate Corp., London	Taltal, Chile	Alexandria, Egypt	Nitrates	7,850
Evros	17	17	Greek	Cia. Venta de Salitre	Iquique, Chile	Alexandria, Egypt	Nitrates	8,000
Saale [2]	17	18	Ger	North German Lloyd.	Corral, Chile	Bremen, Ger	General	9,940
Bushnell [13]	5/8	26	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	.....	.....
Antofagasta	17	18	Chile	Chile N. Amer. Line	Mollendo, Peru	New York, N. Y.	General	5,072
Osnabruck [2]	17	19	Ger	North German Lloyd.	Talcahuano, Chile	Bremen, Ger	General	5,921
Steel Trader	18	18	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	Baltimore, Md.	Lumber, gen.	7,938
Asbjorn [2]	18	18	Dan	Mallory Transp. Lines	Powell Riv., B. C.	Houston, Tex.	([18])	5,314
Feltre [2]	18	19	Ital	Nav. Libera Triestina.	Vancouver, B. C.	Trieste, Italy	General	7,022
Edgar F. Luckenbach.	18	18	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	8,463
Stjerneborg [2]	18	18	Dan	Kawasaki K. Kaisha.	Manila, P. I.	New Orleans, La.	Sugar	7,750
San Felipe	18	18	Amer.	States S. S. Co	Los Angeles, Cal.	New York, N. Y.	([19])	6,528
G. C. Brovig [1] [2]	18	18	Nor	H. P. Drewey, S. A. R.	El Segundo, Calif.	Bremen, Ger	Diesel oil	14,207
Riche [5]	18	22	Amer.	U. S. Army	Ped. Miguel, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Pennsylvania	18	19	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	7,190
Whitney [14]	5/8	26	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	.....	.....
Reina del Pacifico [2]	19	19	Brit	Pacific Steam Nav. Co	San Antonio, Chile	Liverpool, Eng.	General	6,272
Canadian Conqueror.	18	21	Brit	Can. Nat. Steamships.	Brisbane, Aus'lia.	Montreal, Can.	General	3,406
Herman F. Whiton	18	19	Amer.	Dutton Lumber Corp.	Seattle, Wash	Po'keepsie, N. Y.	Lumber	7,350
Suriname	19	19	Amer.	United Fruit Co	Pto. Arm'les, R. P.	Mobile, Ala	Bananas	1,048
Cacique	19	19	Amer.	Grace Line	Salaverry, Peru	New York, N. Y.	General	2,598
Point Caleta	19	19	Amer.	Swayne & Hoyt	Seattle, Wash	New Orleans, La.	Lumber, gen.	6,368
Reliance	19	19	Ger	Hamburg-Amer. Line.	New York, N. Y.	New York, N. Y.	Passengers	.....
Santa Barbara [2]	19	20	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,862
Fernwood [2]	19	19	Nor	Fearnley & Eger	Iloilo, P. I.	East coast, U.S.A.	Sugar	8,000
Grenland	20	26	Nor	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	763
Mercury Sun [1] [2]	20	20	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	13,764
San Diego	20	22	Fr	French Line	Seattle, Wash	Rotterdam, Neth.	General	6,230
Edwin Christenson.	20	20	Amer.	Sudden & Christenson	Aberdeen, Wash.	Baltimore, Md.	Lumber	7,560
Bronnoy [2]	20	21	Nor	Anglo-Can. S. S. Co.	N. Westm'r, B. C.	N. Castle on Tyne	Lumber, gen.	7,793
Nordbris [1] [2]	21	21	Nor	Rasmussen & Moes	LaLibertad, Ecua.	Donges, France	Crude oil	11,460
Kwansai Maru [2]	21	22	Jap	Osaka Shosen Kaisha	Bais, P. I.	New York, N. Y.	General	6,222
Nuevo Panama [2]	21	26	Pan	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	General	14
Baron Douglas	21	21	Brit	Brit. Phosphate Com.	Nauru Is., S. S. I.	Aberdeen, Wash.	Phosphates	6,000
Barrington Court.	21	21	Brit	Canadian Transp. Co.	Victoria, B. C.	Liverpool, Eng.	General	7,200
Trois Ilets	21	25	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, tagua	248
Point Ancha	21	21	Amer.	Swayne & Hoyt	Seattle, Wash	Houston, Tex.	Lumber, gen.	5,535
Pereira	21	26	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	679
Onondaga	21	22	Amer.	Dutton Lumber Corp.	Portland, Oreg.	Po'keepsie, N. Y.	Lumber	2,734
San Simeon	21	22	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,570

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] Submarine tender. [14] Destroyer tender. [15] For bananas and return to Cristobal. [16] For orders. [17] Steel, rosin, general. [18] Newsprint, shingles. [19] Lumber, pulp.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Taranger [2]	21	22	Nor...	Interocean S. S. Corp.	Havre, France...	Vancouver, B. C.	([16])	7,086
Lochgoil [2]	21	23	Brit...	Royal Mail Lines...	Victoria, B. C...	Rotterdam, Neth.	General	9,875
Lucerna [1] [2]	21	22	Brit...	Soviet Government...	Los Angeles, Cal.	Hamburg, Ger...	([17])	9,400
Boskoop	22	23	Neth..	Royal Neth. S. S. Co.	Corral, Chile...	Hamburg, Ger...	General	8,646
Mallard [4]	22	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-42 [7]	22	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-44 [7]	22	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-45 [7]	22	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-47 [7]	22	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
West Cactus	19	23	Amer..	McCormick S. S. Co.	Seattle, Wash...	Buenos Aires, Arg.	General	5,609
Barfonn [1] [2]	22	22	Nor...	Standard Oil of N. J.	Talara, Peru...	Havre, France...	Crude oil	14,276
Raleigh [12]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Barney, No. 149 [9]	5/8	23	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Biddle, No. 151 [9]	5/8	23	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Flottbek	23	24	Ger...	North German Lloyd.	Champ'ico, Guat.	Hamburg, Ger...	Coffee, gen..	1,795
Missourian [2]	22	23	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass...	Lumber, gen.	10,118
Golden Harvest	22	23	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md...	Lumber, gen.	7,590
Willkeno	22	23	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Albany, N. Y....	Lumber, gen.	9,535
Istmo	23	25	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	634
Deroche [1]	22	23	Amer..	Union Oil Co.	Los Angeles, Cal.	Paulsboro, N. J..	([18])	10,000
S-12 [7]	23	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-11 [7]	23	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-43 [7]	23	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
S-46 [7]	23	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
Laurits Swenson [2]	22	24	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway...	Grain, gen..	8,308
S-13 [7]	23	...	Amer..	U. S. Navy	Balboa, C. Z...	Cristobal, C. Z..	.....	.....
Lycia [2]	23	23	Brit...	W. R. Loxley & Co..	Bangkok, Siam..	Nuevitas, Cuba..	Rice	4,100
Hopkins, No. 249 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Maria Cristina [2]	23	23	Pan...	A. Tagaropulos	Panama, R. P...	Colon, R. P....	([19])	25
Andino [1]	15	23	Brit...	Lago Shipping Co.	Balboa, C. Z...	Aruba, D. W. I..	Ballast	.....
Lawrence, No. 250 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
King, No. 242 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Humphreys, No. 236. [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Sands, No. 243 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Hatfield, No. 231 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Brooks, No. 232 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Fox, No. 234 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Kane, No. 235 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Columbia Maru [2]	22	24	Jap...	Mitsubishi Shoji K..	Dairen, China...	Hamburg, Ger..	Soy beans	8,325
Franconia	23	23	Brit...	Cunard White Star..	Los Angeles, Cal.	New York, N. Y.	Passengers	.....
Siantar [2]	23	24	Neth..	Silver Java-Pacific...	S. Francisco, Cal.	New Orleans, La.	General	7,045
Spondilus [1] [2]	23	24	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	Stove oil	9,720
Pee Wee	20	...	Amer..	Foster & Bubb	Miraflores Lake..	Balboa, C. Z.	Ballast	.....
Durazzo	23	25	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General	1,025
Breckenridge, No. 148. [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Tarbell, No. 142 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif..	East coast, U.S.A.	.....	.....
Tregenna	23	24	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nitrates	7,750
Barry, No. 248 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Childs, No. 241 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Gilmer, No. 233 [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Williamson, No. 244. [9]	5/8	6/1	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Getsuyo Maru [2]	23	24	Jap...	Mitsui Bussan Kaisha	Penang, Mal. Pen.	Philadelphia, Pa.	Silk, gen	7,406
Greer, No. 145 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Cole, No. 155 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Blakeley, No. 150 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Bernadou, No. 153 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Orotava	24	24	Hond..	United Fruit Co.	Guayaquil, Ecua.	Mobile, Ala.	Bananas	541
Dupont, No. 152 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Ellis, No. 154 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Yarnell, No. 143 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Upshur, No. 144 [9]	5/8	6/3	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Pensilva	24	25	Brit...	Bank Line, Ltd.	Makatea, T. A..	Limhann, Swed..	Phosphate	6,300
Amerika [2]	24	25	Dan...	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	Lumber, gen.	9,753
Indianapolis [12]	5/8	26	Amer..	U. S. Navy	San Diego, Calif.	East coast, U.S.A.	.....	.....
Bethore	24	25	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,400
Norfolk Maru	24	25	Jap...	Kawasaki Kisen Co.	Iloilo, P. I.	Philadelphia, Pa.	General	5,600
Felix Taussig	24	29	Amer..	McCormick S. S. Co.	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	8,899
Kansan	24	25	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass...	General	6,006
Hadiotis	24	25	Greek.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng..	([20])	7,000
Polzella	25	25	Brit...	Brit. Phosphate Com.	Ocean Islands...	Mulhgraven. Lav.	Phosphate	7,700
Mauna Loa	25	25	Amer..	Matson Nav. Co.	Honolulu, T.H...	Philadelphia, Pa.	Sugar, gen..	6,844
Paul Luckenbach.	25	25	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass...	Lumber, gen.	8,155
Paula	25	26	Dan...	West Coast Line.	Valparaiso, Chile.	New York, N. Y.	Nitrate, gen.	2,542
Iris	25	26	Neth..	Royal Neth. S. S. Co..	Manglaral, Ecua.	Cristobal, C. Z..	Coffee, tagua	346
Elbe	25	26	Ger...	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	8,330

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] For orders. [16] Wheat, lumber, general. [17] Benzine, gasoline. [18] Gasoline, solvent. [19] Lumber, plantains. [20] Wheat, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Pennmar	25	25	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Albany, N.Y.	Lumber	5,429
Santa Paula	25	26	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,644
Bonnington Court	[2] 25	26	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Quebec, Canada	Lumber, gen.	7,168
Teal	26	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Barrhill	25	26	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	General	7,400
Brynje [2]	26	26	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Philadelphia, Pa.	([14])	6,099
Ontariolite [1] [2]	26	26	Brit.	Imperial Oil Co.	Lobitos, Peru	Montreal, Can.	Crude oil	12,226
Acajutla	26	31	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	315
Ardanbhan	26	26	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Glasgow, Scot.	Wheat, gen.	7,141
El Ciervo [1]	26	27	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Antwerp, Belg.	Crude oil	8,162
Allegheny [4]	27	31	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
King Egbert	27	27	Brit.	Mitsui & Co.	Dairen, China	Azores [13]	Soy beans	7,696
Pacific Grove [2]	27	27	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,597
Nordfarer [2]	27	27	Dan.	W. I. Trading Co.	Seishin, Korea	Cobh, I. F. S. [13]	Soy beans	7,786
Fiscus	27	27	Brit.	British Phosphate Co.	Ocean Island	Gaddviken, Swed.	Phosphate	7,000
Pan Aruba [1] [2]	27	27	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D. W. I.	([15])	13,842
Santa Lucia	26	28	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	2,393
Rangitane [2]	26	27	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	7,051
Point Brava	27	27	Amer.	Gulf-Pacific Line	Portland, Oreg.	Panama City, Fla.	General	7,222
Bochum	27	28	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,093
Calmar	27	28	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	([16])	6,300
Mauna Kea	27	28	Amer.	Matson S. S. Co.	Pt. Allen, T. H.	New York, N. Y.	([17])	8,417
Texan	28	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,400
Tsuyama Maru	28	28	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,866
Axel Johnson [2]	28	29	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	5,983
Tai Yang [2]	28	29	Nor.	Barber Wilhelmsen	Iloilo, P. I.	New York, N. Y.	General	6,934
Sunoil [1] [2]	28	29	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,549
Brimanger [2]	29	29	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	6,772
Ino [2]	29	30	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	General	374
Point Estero	29	29	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	6,170
Loch Ranza	29	29	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	New York, N. Y.	Lumber	7,600
Sveajarl [2]	29	29	Swed.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	([18])	6,355
Baldbutte [1]	29	29	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,891
F. J. Luckenbach	29	30	Amer.	Luckenbach Line	Seattle, Wash.	New York, N. Y.	General	7,214
Noshiro Maru [2]	29	30	Jap.	Nippon Yusen Kaisha	Nagasaki, Japan	Baltimore, Md.	Silk, gen.	3,600
Trewyn	29	30	Brit.	Chile. Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nit. of soda	7,800
Real [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	47
Danwood [2]	30	30	Nor.	Lauritz Kloster	Dairen, China	Rotterdam, Neth.	Soy beans	5,000
Minerva [2]	30	30	Nor.	Mallory Transp. Lines	Powell Riv., B.C.	Houston, Tex.	([19])	6,424
Henry D. Whiton	30	30	Amer.	Dutton Lumber Corp.	Longview, Wash.	Po'keepsie, N. Y.	Lumber	5,371
Tainui	30	31	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,965
Wasbington [2]	30	31	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,685
Troja	30	31	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	Coffee	1,062
Sona [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Tuira [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	72
Maria Cristina [2]	30	1	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Sambu [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Marore	31	31	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,200
Istmo	30	1	Pan.	Elliot Ship. & Land Co.	Pedregal, R. P.	Cristobal, C. Z.	Gas drums	5
Dalhanna	31	31	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Manchester, Eng.	General	8,000
Ludington [5]	28	2	Amer.	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	Army stores	835
Kishacoquillas	31	31	Amer.	U. S. Tank Ship Corp.	Tacoma, Wash.	New York, N. Y.	([20])	6,800
Winkleigh	31	31	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Chatham, Eng.	Lumber, gen.	8,850
Rip [5]	31	...	Amer.	W. B. Mayer	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Riche [5]	31	...	Amer.	U. S. Army	Pedro Miguel	Cristobal, C. Z.	.....	.....
Trois Ilets	31	2	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	300
Washington Express [2]	1	1	Nor.	Fruit Express Line	Seattle, Wash.	Liverpool, Eng.	Fresh fruit	1,900
Arica	1	2	Fr.	French Line	Talcahuano, Chile	Havre, France	General	8,719
Mary D.	1	1	Amer.	Pac.-Amer. Fisheries	Bellingham, Wash.	Baltimore, Md.	Can. salmon	5,229
Tuscaloosa City	1	1	Amer.	Isthmian S. S. Lines	Hilo, T. H.	Baltimore, Md.	([21])	8,276
W. M. Delphia [2]	1	2	Hond.	W. S. McNab	Amapala, Hond.	Pto. Cas'lla, Hon.	Salt	75
Chimu [2]	1	1	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	1,743
Innesmoor [2]	1	1	Brit.	L. Dreyfus & Co.	Seishin, Korea	Falmouth, Eng.	Soy beans	7,756
Damsterdijk [2]	1	2	Neth.	N. Pacific Coast Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	9,403
Charles Christenson.	1	2	Amer.	Sudden & Christenson	Aberdeen, Wash.	Savannah, Ga.	Lumber	7,000
Mayan [2]	1	8	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	370
Pereira	1	3	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	861
Athelduchess [1] [2]	1	2	Brit.	United Molasses Co.	Kahului, T. H.	London, England	Molasses	13,304
Katrina Luckenbach.	2	2	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	9,103
Santa Inez [2]	2	2	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,100
Plow City	1	2	Amer.	C. Nelson S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Gen., lumber	4,280
Ardangorm	2	2	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	7,590
Malmanger [1]	2	3	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	10,170
Wentworth	2	3	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Boston, Mass.	Lumber	6,966

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [13] For orders. [14] Pulp, lumber. [15] Gasoline and refined oil. [16] Copper, lumber. [17] Sugar, canned pineapples. [18] Wheat, Lumber. [19] Paper, shingles. [20] Lignin binder. [21] Sugar, pineapples, canec.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Heffron	2	3	Amer.	Pac. Coast Direct Line	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,261
Cali	3	7	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,067
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Panama City, R.P	Cristobal, C. Z.	Ballast	
Hoegh Carrier [2]	3	3	Nor.	Kawasaki K. Kaisha	Dairen, China	Baltimore, Md.	General	2,880
Columbian	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,596
Trefusis	3	3	Brit.	Chilean Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrates	7,770
American Eagle	3	3	Amer.	Amer. For. S. S. Corp	Tacoma, Wash.	New York, N. Y.	Lumber	6,450
Camden [1]	3	4	Amer.	Shell Petroleum Co.	Los Angeles, Cal.	Sewaren, N. J.	Kerosene	9,300
Commissaire Ramel.	4	5	Fr.	Messageries Marit'es.	Noumea, N. Cal.	Marseilles, Fr.	General	5,332
Benwyvis	4	4	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	General	7,997
San Lucas	4	4	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,666
Aachen	4	5	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	7,938
Comet [1]	4	4	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	13,242
Canadian Scottish.	4	5	Brit.	Can. Nat. Steamships.	Sydney, N. S. W.	Montreal, Can.	General	3,231
Durham [2]	4	5	Brit.	Federal SteamNav.Co	Wellington, N. Z.	London, England	Frozen, gen.	7,824
American Traveler.	5	5	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	3,549
Clio [2]	5	6	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	General	330
Virginian	5	5	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,476
Sutherland [2]	5	5	Brit.	Canadian Transp. Co	Vancouver, B. C.	London, England	([14])	8,700
Christian Holm [1] [2]	4	6	Dan.	Det. Danske Pet. Aktieselskab.	Talara, Peru	S'ampton, Eng.	Crude oil	13,465
Nankai Maru [2]	5	6	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	6,125
Chilore	6	6	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Portland [2]	6	6	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,157
Tredinnick	5	6	Brit.	Hain S. S. Co.	New Caledonia	Philadelphia, Pa.	Chrome ore	7,520
Laguna [2]	6	6	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile.	Hull, England	General	8,541
Chilean Reefer [2]	6	6	Dan.	J. Lauritzen	Los Angeles, Cal.	Rotterdam, Neth.	Citrus fruit	1,126
Balboa [2]	6	6	Swed	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	8,201
Steel Voyager	6	6	Amer.	Isthmian S. S. Lines.	Everett, Wash.	Baltimore, Md.	Gen., lumber	7,484
Cumberland	6	6	Brit.	N. Z. Shipping Co.	Bluff, N. Z.	London, England	Frozen, gen.	8,210
Alamar	6	6	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber	7,712
Heranger [2]	6	6	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	([15])	7,385
Astoria [1] [2]	7	8	Amer.	U. S. Navy	Callao, Peru	H'pton Rds., Va.		
New Orleans [1] [2]	7	8	Amer.	U. S. Navy	Callao, Peru	H'pton Rds., Va.		
Lewis Luckenbach	6	7	Amer.	Luckenbach Line	Seattle, Wash.	Brooklyn, N. Y.	General	12,600
Cerigo	6	16	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	684
Istmo	7	8	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	525
Ohioan	7	7	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,822
Leverenbank [2]	7	7	Brit.	Andrew Weir & Co.	Manila, P. I.	East coast, U.S.A.	Sugar	8,200
Maria Cristina [2]	7	10	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([16])	11
President Cleveland.	8	8	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,590
Dilworth [1]	7	8	Amer	Shell Oil Co	Los Angeles, Cal.	Baltimore, Md.	Kerosene	10,192
Knoxville City	7	8	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	London, England.	Grain, gen.	7,419
San Francisco Maru.	7	8	Jap.	Kokusai K. Kaisha	Miike, Japan	New Orleans, La	Sugar	7,500
Ethan Allen	8	8	Amer.	Lykes Bros.-Ripley	Iloilo, P. I.	New Orleans, La.	Sugar, copra.	10,483
Alkmaar	8	9	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	11,078
Victoria Maru	8	8	Jap.	Kokusai K. Kaisha	Iloilo, P. I.	East coast, U.S.A.	Sugar	7,500
Pacific Enterprise [2]	8	8	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	Sugar	8,595
Ward [1]	8	8	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	Gen., sugar.	7,923
Santa Rosa	8	9	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,772
Steelore	9	9	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
E. T. Bedford [1] [2]	8	9	Amer.	Standard Oil of N. J.	Talara, Peru	Havre, France	Petroleum	14,730
Anadara [1] [2]	8	9	Brit.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Lands End, Eng. [13]	Petroleum	11,354
Abraham Lincoln [2]	9	10	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,522
Timber Rush	9	9	Amer.	Shepard S. S. Co.	Pt. Angeles, Wash.	Albany, N. Y.	Lumber, gen.	7,190
Salvador	9	14	Brit.	Pac. Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee	453
Andrea F. Luckenbach.	9	9	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	10,284
Middlesex	9	10	Brit.	Fed. Steam Nav. Co	Bluff, N. Z.	London, England.	Ref., general.	6,161
Absaroka	9	10	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,229
Bordvik	10	10	Nor.	S. S. Owners Oper. Co.	Yavaros, Mexico	New York, N. Y.	Chick peas	2,000
Santa Clara	9	11	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	4,187
Oregonian	10	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,368
J-46 [5]	10	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Herman Frasch	10	11	Amer.	Dutton Lumber Co.	Pt. Ga'ble, Wash.	Lake Charles, La.	Lumber	5,400
Nichiyo Maru [2]	11	11	Jap.	Mitsui Bussan Kaisha.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,928
Greylock	11	11	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Philadelphia, Pa.	Sugar, gen.	7,120
Modavia [2]	11	11	Brit.	Donaldson Bros.	Vancouver, B. C.	Galsgow, Scot.	Wheat, gen.	5,012
Point Vincente	11	11	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	Lumber, gen.	7,207
Ino [2]	11	13	Neth.	Royal Neth S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	467
President de Vogue. [1] [2]	11	11	Nor.	Cia. des Prod. Chim.	Talara, Peru	Pt. deBouc, France	Crude oil	13,710
Svealand [2]	11	12	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Sparrows Pt., Md.	Iron ore	22,400

[1] Tanker. [2] Motor ship. [5] Launch. [12] Cruiser. [13] For orders. [14] Wheat, lumber. [15] Wheat, lumber, general. [16] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cuyama [1]	11	.	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	Fuel, gasoline	6,846
Trois Ilets	11	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	284
Bradburn	11	12	Brit.	Sir W. R. Smith & Son	Vancouver, B. C.	Cardiff, Wales	Grain, gen.	8,118
Cape York [2]	12	12	Brit.	Blue Star Line	Vancouver, B. C.	London, England	Wheat, gen.	8,340
Nuevo Panama [2]	12	13	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Illinois [1]	11	12	Amer.	The Texas Co.	Balboa, C. Z.	Pt. Arthur, Tex.	Ballast	.....
Rotorua	12	12	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England.	Frozen, gen.	4,892
San Marcos	12	12	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,200
Indra [2]	12	13	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Oslo, Norway	General	7,063
Allegheny [4]	13	.	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Jeff Davis [2]	12	13	Amer.	Roosevelt S. S. Co.	Adelaide, Aust'lia	Baltimore, Md.	General	7,379
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Sona [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Canadian Challenger.	13	13	Brit.	Can. Nat. Steamships.	Brisbane, Aust'lia	Montreal, Canada	General	2,937
Istmo	13	14	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	372
Leticia [2]	13	.	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Manizales	13	15	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	639
Tamaroa	13	13	Brit.	Shaw, Savill & Albion.	Wellington, N. Z.	London, England	Frozen, gen.	5,300
Calgarolite [1] [2]	13	13	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Crude oil	16,732
Nordhval [2]	13	14	Dan.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Avonmouth, Eng.	Lumber, gen.	7,300
Ashleigh	13	14	Brit.	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	London, England	Lumber, gen.	8,650
J. L. Luckenbach	14	14	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,017
Lumen [1] [2]	13	15	Brit.	H. P. Drewry	El Segundo, Cal.	LandsEnd, Eng. [13]	Gasoline	8,776
Acajutla	14	.	Brit.	Pac. Steam Nav. Co.	Acajutla, Sal'dor.	Cristobal, C. Z.	Coffee, gen.	332
Chr. Knudsen [2]	14	15	Nor.	Anglo-Can. Ship. Co.	Chemainus, B. C.	St. Johns	Lumber	6,850
San Bernardino	14	15	Amer.	Quaker Line	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	7,688
Constance Chandler.	14	15	Amer.	Matson S. S. Co.	Honolulu, T. H.	New York, N. Y.	([13])	7,711
Iowan	15	15	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,073
Cumbal [2]	15	15	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,268
Norne [2]	15	15	Nor.	Brit. Phosphate Co.	Nauru Island	Kotka, Finland	Phosphates	6,000
Utsire	15	15	Nor.	Wessel, Duval & Co.	Tocopilla, Chile	East coast, U.S.A.	Nit. of soda	6,600
Nyhorn [2]	15	15	Nor.	Knutsen Line	Vancouver, B. C.	Manchester, Eng.	Lumber, gen.	6,715
Gedania [2]	15	16	Ger.	Standard Ship. Co.	Talara, Peru	S'ampton, Eng.	Diesel oil	12,740

[1] Tanker. [2] Motor ship. [4] Tug. [13] Sugar, canned pineapples.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 25 percent surcharge, to individuals and companies, as of June 6, 1936:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.14
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.25
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.11
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.10
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Fiscal Years 1934-5 and 1935-6

The following is a comparison of traffic at the Suez and Panama Canals for the first 10 months of the fiscal years 1934–5 and 1935–6:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent increase	Number of transits		Percent increase
	1934–5	1935–6		1934–5	1935–6	
July	437	487	11.4	394	377	[1] 4.3
August	463	503	8.6	401	395	[1] 1.5
September	468	531	13.5	435	391	[1] 10.1
October	527	604	14.6	467	441	[1] 5.6
November	474	548	15.6	469	418	[1] 10.9
December	466	493	5.8	443	459	3.6
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[1] 3.2	432	482	11.6
Total	4,722	5,208	10.3	4,351	4,413	1.4

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent increase	Tolls collected		Percent increase
	1934–5	1935–6		1934–5	1935–6	
	Thousands of francs			*Thousands of dollars*		
July	65,210	71,730	10.0	1,823	1,684	[1] 7.6
August	69,930	71,640	2.4	1,907	1,757	[1] 7.9
September	67,860	73,410	8.2	1,948	1,781	[1] 8.6
October	78,670	85,670	8.9	2,098	1,964	[1] 6.4
November	70,720	79,790	12.8	2,138	1,797	[1] 15.9
December	70,560	71,330	1.1	1,952	1,997	2.3
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
April	79,210	70,110	[1] 11.5	1,891	2,080	10.0
Total	716,360	749,790	4.7	19,513	19,325	[1] 1.0

[1] Decrease.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(Note.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

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Traffic Through the Panama Canal in June 1936

The total vessels of all kinds transiting the Panama Canal during the month of June 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	June 1934	June 1935	June 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	366	405	245	236	481
Local commercial vessels [1]	47	71	34	22	56
Noncommercial vessels:					
United States Government	20	21	25	9	34
Colombian Government	1	1	.....	.....	.....
For repairs	2	.....	.....	.....	.....
Total	436	498	304	267	571

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected, from the ocean traffic transiting the Canal each month for the fiscal year ended June 30, 1936, as compared with the fiscal year 1935:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1935–6	1935–6	1934–5	1935–6	1934–5	1935–6
July	394	377	2,177,193	2,035,873	1,934,237	1,777,815	$1,822,909.64	$1,683,649.94
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	1,906,821.39	1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
Total	5,180	5,382	27,805,588	28,024,417	25,309,527	26,505,943	23,307,062.93	23,479,114.21

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for June 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 119	643,009	630,195	Netherlands	20	77,054	66,601
Chilean	2	7,351	8,644	Norwegian	52	238,987	241,030
Danish	12	60,583	54,288	Panamanian	16	39,439	22,512
French	9	50,822	51,447	Swedish	10	46,728	86,072
German	24	90,810	102,445	United States	184	1,006,586	988,783
Honduran	2	3,174	610				
Italian	3	21,409	11,047	Total	481	2,449,127	2,459,752
Japanese	28	163,175	196,078				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 1 naval vessel of 8,500 tons displacement.

Traffic by Trade Routes, June 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	68	373,319	245,513	59	344,552	434,295
East coast United States and:						
Canada	4	19,180	750	3	11,432	18,709
Central America	.....	.....	.....	1	1,084	2,000
South America	19	84,228	23,943	17	66,672	153,422
Balboa	1	5,011	3,158	1	5,011	.....
Hawaiian Islands	3	15,408	15,861	6	31,802	46,215
Australasia	6	40,889	34,654	2	8,785	15,300
Philippine Islands	11	72,465	64,787	26	147,508	195,456
Far East	23	127,852	165,987	3	16,355	8,641
Canadian intercoastal	2	10,652	13,194	2	8,728	12,227
East coast Canada and:						
South America	2	6,906	5,466	5	28,558	58,767
Australasia	3	16,357	14,556	7	31,219	32,818
Philippine Islands	1	6,831	6,679	1	6,588	7,340
Far East	2	11,252	15,050	.....	.....	.....
East coast Central America and Far East	1	4,240	6,996	.....	.....	.....
South American intercoastal	7	14,222	17,151	1	2,087	732
East coast South America and:						
United States	.....	.....	.....	1	5,020	4,280
Canada	1	4,354	3,667	1	5,086	4,487
Far East	1	5,821	4,643	.....	.....	.....
Cristobal and:						
Central America	4	4,088	2,691	5	5,637	2,761
South America	10	5,169	2,228	14	8,644	8,624
West Indies and:						
United States	2	11,902	.....	2	10,444	20,991
South America	1	1,154	2,138	2	1,609	.....
Balboa	2	12,999	18,133	.....	.....	.....
Far East	1	4,265	7,213	.....	.....	.....
Europe and:						
United States	11	63,033	16,465	9	36,404	57,909
Canada	30	163,570	49,445	35	195,067	278,006
Central America	1	3,467	3,487	.....	.....	.....
South America	15	85,940	25,053	20	119,595	180,058
Hawaiian Islands	1	5,661	8,351	2	12,213	24,571
Australasia	8	59,388	39,370	9	68,114	57,888
Far East	.....	.....	.....	1	4,615	7,756
Around the world	1	9,251	4,791	1	6,305	5,079
Foreign vessels in ballast (United States intercoastal)	2	11,119	.....	.....	.....	.....
Vessels not engaged in commerce	[5] 1	.....	.....	.....	.....	.....
Total	245	1,259,993	821,420	236	1,189,134	1,638,332

[5] Naval.

Origin and Destination of Cargo by Major Areas, June 1936

The following table summarizes the origin of cargo passing through the Canal in June 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	259,106	25,670	224,094	21,671	34,654	565,195
Other North America	7,303	29,803	35,515	15,391	14,603	102,615
Europe	50,951	17,716	.....	22,509	38,764	129,940
Miscellaneous	4,912	57	2,393	15,749	559	23,670
Total	322,272	73,246	262,002	75,320	88,580	821,420

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	437,896	29,378	131,928	5,918	605,120
Canada	22,640	3,921	207,981	2,022	236,564
Other North America	48,992	3,390	26,994	.....	79,376
South America	150,746	76,428	173,684	745	401,603
Australasia	29,726	10,930	57,750	.....	98,406
Asia	204,521	4,757	7,756	229	217,263
Total	894,521	128,804	606,093	8,914	1,638,332

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during June 1936 or June 1935 are listed below:

Commodity	June		Commodity	June	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Ammonium compounds	15,732	6,199	Asphalt and tar	21,352	839
Automobiles and parts	15,246	34,520	Canned goods, various	56,356	75,479
Canned goods, various	8,306	10,529	Coffee	14,679	13,055
Chemicals	6,396	10,354	Cold storage (food products) [6]	15,808	27,993
Coal and coke	11,638	25,346	Copra	1,696	13,287
Cotton, raw	23,201	16,406	Cotton, raw	5,884	14,163
Iron and steel, manufactured	103,828	135,663	Flour	33,098	24,773
Machinery	11,594	10,362	Fruit, dried	15,135	16,261
Manufactured goods	4,576	10,606	Fruit, fresh [7]	25,663	23,376
Metals, various	8,475	16,514	Lumber	130,387	264,481
Oils, mineral	60,707	66,251	Metals, various	47,450	57,386
Ores	15,381	17,943	Molasses and syrups	940	25,356
Paper	28,473	42,258	Nitrates	53,738	48,338
Phosphates	26,163	32,740	Oils, mineral	396,442	275,646
Scrap metal	93,129	112,800	Oils, vegetable	23,997	14,668
Sugar	9,662	12,629	Ores, principally iron	113,656	167,915
Sulphur	27,429	15,818	Rubber, raw	5,799	12,242
Textiles	13,065	8,122	Sugar	128,865	228,815
Tinplate	23,335	36,185	Wheat	147,684	128,482
			Wood pulp	11,119	15,846
			Wool	16,225	19,148

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of June 1936, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	13	.....
Agricultural implements	1,417	.....	3,409	.....
Alfalfa meal	.....	179	.....	310
Ammonium compounds	246	.....	6,199	15
Animal foods [8]	33	302	33	497
Apparel, wearing (hats, shoes, clothing, etc.)	88	15	88	45
Asbestos	122	.....	4,283	.....
Asphalt and tar	1,086	12	2,991	839
Automobiles (and autotrucks)	8,437	6	24,585	30
Automobile parts and accessories	3,686	293	9,935	297

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Bags and bagging, textile	326	98	678	456
Bamboo and products	.....	.....	.....	480
Bananas	.....	.....	.....	2,308
Barks, miscellaneous	37	8	80	534
Barley	.....	553	354	8,393
Beans, edible, dry	310	3,200	365	8,145
Beer	481	2	560	11
Beverages, nonalcoholic	228	21	228	21
Blood and tankage	.....	.....	.....	120
Bones and bone meal	.....	45	1,280	99
Books and printed matter	27	27	27	27
Borax	194	963	214	9,911
Bran and pollards	.....	.....	.....	3,613
Bricks and tile	186	.....	418	20
Camphor, crude	.....	7	.....	58
Canned and preserved goods:				
Fish	729	19,290	1,059	21,898
Fruit	918	22,646	1,178	39,275
Meat	114	22	789	545
Milk	100	8	455	197
Soup	2,489	.....	2,769	.....
Vegetables	429	5,166	675	6,199
Miscellaneous and unclassified	1,622	6,651	3,604	7,365
Carbon black	28	60	792	60
Celite	.....	1,099	.....	1,184
Cement	692	49	9,312	229
Chalk	.....	.....	108	.....
Charcoal	47	.....	72	.....
Chemicals [8]	4,740	968	10,354	1,470
Clay, china and fire	215	481	1,149	481
Clay, filtering	375	43	375	43
Coal	2,237	.....	15,491	.....
Cocoa and cacao beans	96	.....	426	2,131
Coconuts and products [8]	60	1,065	60	1,511
Coffee	100	17	3,632	13,055
Coke	.....	.....	9,855	.....
Cold storage and refrigerated products:				
Dairy products	204	63	457	11,949
Eggs	38	26	56	26
Fish	64	.....	87	261
Lard	51	268	388	305
Meats	22	30	132	14,786
Poultry	.....	524	.....	524
Vegetables	13	9	63	142
Other and unclassified	140	.....	151	.....
Confectionery	466	.....	548	.....
Copra	.....	.....	.....	12,025
Copra meal and cake	.....	.....	.....	1,262
Corn	.....	.....	.....	1
Cotton, raw	249	567	16,406	14,163
Creosote	100	.....	100	.....
Drugs and medicines	699	2	836	21
Dyes	.....	27	402	27
Earthenware	11	.....	308	375
Eggs, dried	.....	12	.....	88
Electrical apparatus and appliances	903	144	1,220	229
Explosives	30	.....	359	.....
Extract, quebracho	.....	.....	860	.....
Fertilizers [8]	75	336	4,386	479
Fish meal	.....	190	.....	315
Floor coverings	1,353	985	1,393	1,383
Flour	186	19,241	1,266	24,773
Fruit, dried	.....	5,938	118	16,261
Fruit, fresh [8]	.....	4,076	.....	23,376
Furniture and household goods	682	137	744	137
Gallnuts	.....	.....	.....	77
General	22,992	9,093	58,645	16,104
Glass and glassware	2,561	221	5,221	1,334
Glue	72	146	76	150
Grains [8]	.....	27	.....	27
Groceries	825	58	864	221
Gums	.....	.....	.....	198
Hair, all kinds	.....	68	.....	218
Hay	.....	72	.....	137
Hemp, unmanufactured	.....	14	55	5,396
Honey	.....	77	.....	153
Hops	.....	.....	13	.....
Infusorial earth	.....	508	.....	760
Iron and steel, manufactures of (structural steel, plates, bars, angels, pipe, etc.)	97,834	884	135,663	1,108

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Ivory nuts	16	.....	276	2,658
Jute, unmanufactured	.....	.....	15	5
Lard substitute	238	17	245	17
Lime	.....	.....	100	.....
Liquors	3,428	853	4,393	976
Lumber (including manufactured mill products)	2,148	153,934	2,931	264,481
Machinery	4,286	2,142	10,362	3,408
Malt	.....	.....	585	30
Manufactured goods [8]	5,295	485	10,606	3,790
Marble and granite	145	1	452	1
Matches	232	70	304	108
Metals:				
Antimony	22	.....	22	16
Copper	520	10,909	2,146	33,031
Gold and silver	.....	.....	23	9
Iron	2,897	.....	5,835	10
Lead	16	661	3,331	10,403
Tin	32	51	1,391	3,538
Zinc	90	.....	834	10,054
Other and unclassified	349	18	2,954	325
Milk, powdered	.....	556	.....	981
Molasses and syrups	122	76	157	25,356
Nitrates	2,679	.....	6,636	48,338
Nuts, edible (including meats)	.....	89	200	216
Oats	122	1,047	126	7,027
Oils, mineral:				
Crude	.....	.....	125	112,217
Gas and fuel	.....	14	30,271	18,572
Gasoline, benzine, and naphtha	7,961	53,220	13,209	99,947
Kerosene	.....	19,492	1,018	40,736
Lubricating and greases	9,926	2,103	21,623	2,266
Other and unclassified	5	1,908	5	1,908
Oils, vegetable:				
Coconut	.....	.....	12	3,340
Cottonseed	900	.....	2,254	.....
Linseed	104	.....	279	.....
Olive	50	8	296	8
Rapeseed	.....	.....	45	355
Wood	.....	114	33	3,591
Other and unclassified	54	92	466	7,374
Oil, fish	.....	880	185	1,000
Oil, whale	.....	850	.....	921
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	26	53	328	4,142
Oilseed cake and meal	1,472	.....	1,472	5,275
Ores:				
Antimony	.....	.....	.....	392
Chrome	56	.....	56	15,300
Copper	.....	584	254	7,758
Gold and silver	.....	.....	9,000	802
Iron	.....	.....	66	119,366
Lead	.....	.....	.....	2,161
Magnesite	17	1,524	17	1,524
Manganese	.....	22	2	907
Tin	.....	.....	47	4,265
Zinc	18	.....	2,841	13,468
Other and unclassified	43	34	5,660	1,972
Paints and varnishes	1,743	241	4,127	538
Paper and paper products [8]	10,623	6,809	41,360	9,238
Paper, scrap	.....	250	898	250
Peanuts	667	.....	667	60
Peas, dry	.....	.....	.....	2,495
Peatmoss	.....	.....	800	.....
Phosphates	191	31	32,740	6,031
Plaster	.....	.....	120	.....
Porcelainware	342	520	980	4,588
Potash	7	245	2,374	245
Pyrethrum flowers	.....	.....	.....	25
Rags and waste	52	191	1,552	1,218
Railroad material	2	.....	1,756	.....
Rice	131	130	2,824	1,487
Rope and twine	112	70	506	167
Rosin	1,074	.....	6,049	.....
Rubber:				
Manufactured	1,137	330	1,531	330
Raw	.....	27	8	12,242
Scrap	45	10	216	91
Salt	269	6	3,756	2,597
Sand	507	.....	6,418	218
Scrap metal	240	1,026	112,800	1,212
Seeds (except oilseeds)	182	152	242	1,621

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Sewer pipe (concrete and terra cotta)	1,155	.....	1,155	.....
Shells, oyster	921	.....	921	186
Silk, raw	.....	382	55	1,456
Skins and hides	.....	2,466	386	7,770
Slag	.....	.....	1,485	.....
Slate	1,917	.....	1,917	.....
Soaps and products	1,660	204	1,858	495
Soda and sodium compounds:				
Soda ash	5,693	.....	5,883	714
Soda, caustic	180	.....	520	.....
Miscellaneous and unclassified	219	.....	1,309	3,610
Soy beans	120	118	120	7,874
Sugar	18	39,224	12,629	228,815
Sulphur	8,025	.....	15,818	5
Talc	.....	209	.....	293
Tallow	.....	343	.....	2,116
Tea	39	7	105	331
Textiles [9]	5,047	514	8,122	6,089
Tinplate	10,123	.....	36,185	.....
Tobacco and manufactures	968	71	7,625	110
Toilet preparations	356	39	435	231
Turpentine	175	.....	515	.....
Vegetables, dry [8]	18	.....	24	78
Wall board	63	130	202	3,131
Wax, paraffin	233	.....	1,488	153
Wheat	.....	1,741	.....	128,482
Wines	60	1,447	1,479	1,738
Wood pulp	40	12,556	7,102	15,846
Wool	18	9,561	158	19,148
Total, June 1936	259,106	437,896	821,420	1,638,332
Total, June 1935	196,963	354,745	672,198	1,408,519
Total, June 1934	147,579	413,089	526,499	1,240,109

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of June 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	12	67,512	[10] 8,781	7	40,330	74,590
East coast United States and:						
South America	2	13,982	.....	.....	.....	.....
Balboa	1	5,011	3,158	1	5,011	.....
Far East	1	6,503	.....	.....	.....	.....
East coast Canada and South America	.....	.....	.....	5	28,558	58,767
South American intercoastal	2	9,968	14,267	.....	.....	.....
West Indies and:						
United States	2	11,902	.....	2	10,444	20,991
Balboa	2	12,999	18,133	.....	.....	.....
Europe and:						
United States	4	28,329	.....	5	27,184	52,899
South America	6	37,905	.....	5	34,335	64,806
Hawaiian Islands	.....	.....	.....	2	12,213	[11] 24,571
Total	32	194,111	44,339	27	158,075	296,624

[10] 900 tons cottonseed oil. [11] Molasses.

Comparison of Canal Traffic in June 1936, with June Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of June			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[1,2] 140	498	567	1915	[1,3] 100	361	466
1916	120	381	483	1916	60	199	258
1917	165	528	630	1917	145	483	588
1918	166	574	629	1918	165	547	627
1919	154	517	586	1919	162	510	576
1920	190	704	834	1920	199	712	781
1921	189	761	695	1921	232	950	966
1922	222	970	977	1922	222	951	907
1923	412	2,036	2,096	1923	325	1,550	1,631
1924	374	1,927	2,023	1924	429	2,179	2,249
1925	365	1,753	1,920	1925	382	1,904	1,996
1926	401	1,988	2,133	1926	424	2,064	2,169
1927	433	2,151	2,228	1927	441	2,184	2,311
1928	473	2,227	2,139	1928	521	2,453	2,468
1929	494	2,351	2,423	1929	524	2,485	2,554
1930	468	2,357	2,147	1930	502	2,497	2,502
1931	384	2,057	1,757	1931	447	2,314	2,089
1932	318	1,742	1,404	1932	364	1,968	1,650
1933	341	1,909	1,690	1933	347	1,900	1,513
1934	366	2,018	1,767	1934	436	2,379	2,059
1935	405	2,134	2,081	1935	432	2,317	2,109
1936	481	2,449	2,460	1936	449	2,335	2,209

[1,2] Canal opened August 15, 1914. [1,3] Average for 10½ months.

Terminal Activities

Ships repaired during the month of June 1936 numbered 50; of this number 7 were drydocked. Fuel oil in the quantity of 219,509 barrels was delivered as bunkers to 108 commercial ships. Bunker coal amounting to 3,952 tons was delivered to 19 commercial ships. Sales of commissary supplies to ships aggregated $52,359.92.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	18,123	12,158	30,281
Local cargo shipped ... tons	3,859	400	4,259
Cargo received for transshipment ... tons	39,954	1,497	41,451
Cargo transshipped ... tons	37,811	1,423	39,234
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	1	8
Number of releases issued	26	16	42
Tons received	68	3	71
Tons withdrawn	55	9	64

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	556	3,311,078	1,993,719	517	3,042,568	1,832,208
Vessels entering port but not transiting Canal	65	317,672	185,043	15	41,109	27,228
Vessels transiting Canal and handling passengers and cargo at terminal ports	141	815,144	484,956	103	644,738	374,805
Ships clearing						
All vessels, including those transiting Canal	576	3,326,562	2,017,777	515	3,029,585	1,820,588
Vessels clearing port but not transiting Canal	65	314,255	184,821	16	42,778	28,263
Vessels transiting Canal and handling passengers and cargo at terminal ports	137	793,166	470,931	102	638,915	371,123

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, June 15, 1936, to midnight, July 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Sonnavind, 627, 0
Pasajero, 0, 4
Cefalu, 256, 693
West Nilus, 0, 349
Santa Rita, 109, 1 pkg.
Schwaben, 108, 151
Duesseldorf, 258, 320
Orazio, 6, 525
Marore, 8,936, 0
Patricia, 463, 330
Kirishima Maru, 309, 0
San Francisco, 198, 43
Guayaquil, 1,506, 667
Niel Maersk, 276, 0
Kwansai Maru, 0, 330½
Peten, 71, 6
American Traveler, 5, 28
Santa Inez, 152, 141
Lochkatrine, 209, 264
Nako Maru, 456, 0
Clio, 531, 46
Santa Marta, 669, 349
Istmo, 673, 89
Grenland, 655, 816
City of Delhi, 0, 3
Canadian Victor, 23, 282
Annie Johnson, 130, 0
Durazzo, 1,014, 0
Manizales, 39, 145
Darian, 182, 4
Toloa, 318, 881
Colombia, 223, 1,012
Chimu, 93, 112
Real, 23, 22
Paula, 0, 201
Ville d'Amiens, 0, 37
Rialto, 393, 13
Hokuroku Maru, 1,109 19
Simon Bolivar, 108, 54
Baarn, 8, 231
Belfast Maru, 340, 0
Caribia, 2, 683
Wyoming, 23, 423
Peten, 7, 88½
Sacramento, 144, 0
Santa Elena, 187, 11
Margaret Lykes, 149, 302
Alaska, 992, 0
San Antonio, 307, 0
Nuevo Panama, 0, 175
Dinteldijk, 231, 0
San Clemente, 243, ½
Contessa, 297, 927
Mantilla, 2,563, 0
Loriga, 2, 374
Trois Ilets, 223, 13
Lahn, 66, 740
Santa Maria, 581, 1
Santa Clara, 500, 239
Cristobal, 1,901, 789
Punta Arenas, 238, 0
Nansenville, 492, 10
Tai Shan, 491, 0
Ino, 121, 168
Santa Rosa, 94, 302
San Felipe, 210, 1½
Veragua, 228, 25½
Orbita, 52, 61
Benjamin Franklin, 7½, 245½
Kongo Maru, 324, 0
Este, 401, 55
Losada, 46, 0
Sixaola, 700, 370
Simon Bolivar, 2, 334
Durazzo, 41, 242
Haiti, 148, 871
Ulua, 282, 739
Istmo, 602, 356
Cali, 1,097, 150
Canadian Highlander, 36, 320
Palatia, 5, 482
Wisconsin, 109, 1,113
Veragua, 14, 284
Poseidon, 107, 0
Atago Maru, 79, 0
Delftdijk, 133, 102
Flandre, 61, 832
Mayan, 1,055, 804
Cacique, 295, 208
Bordeaux Maru, 798, 0
Europa, 0, 24
Cefalu, 378, 410
Amasis, 4 pkgs., 131
Trojan Star, 155, 0
Hollywood, 27, 147 lbs.
Margaret Johnson, 0, 460
Acajutla, 0, 856
Naruto Maru, 1,055, 0
Oakland, 41, 140½
Anna Maersk, 273, 0
Stella, 281, 41
Santa Rita, 145, 415
Santa Maria, 12,200, 0
Buenaventura, 1,254, 429
Quirigua, 176, 5
Santa Isabel, 17, 4 pkgs.
Tivives, 848, 186
Trois Ilets, 266, 19
Rhakotis, 94, 340
Barneveld, 144, 900
Clio, 353, 35
Peter Kerr, 254, 0
Calamares, 435, 825
Pastores, 302, 1,089
Cumbal, 134, 161
Custodian, 195, 0
Canadian Constructor, 1, 100
Reina del Pacifico, 72, 428
Sanyo Maru, 863, 36
Pereira, 639, 0
Cerigo, 975, 440
Invercorrie, 1,019, 0
Seattle, 285, 469
Chilore, 9,823, 0
Quirigua, 9, 199
Chipana, 174, 0
President Taft, 95, 410 lbs.
Drechtdijk, 222, 0
Dagfred, 0, 12
Santa Paula, 230, 24
Loreto, 71, 1
Patricia, 2 pkgs., 725
Canada, 32, 0
Contessa, 383, 564
Crijnssen, 51, 15
Santa Lucia, 315, 4
Ancon, 2,219, 893
Salvador, 420, 502
Santa Barbara, 325, 204
Skagerak, 229, 30 lbs.
Istmo, 588, 284½
Santa Elena, 172, 151
Peten, 158, 5
Ino, 408, 126
Metapan, 512, 459
Ruth Lykes, 415, 381
Crijnssen, 2, 727
Colombia, 204, 855
Toloa, 262, 572
Manizales, 954, 17
Cordillera, 210, 1 pkg.
Knute Nelson, 8, 201
Juanita, 255, 0
Chimu, 345, 0
Peten, 37, 271
Mosel, 199, 292
Osnabruck, 30, 1
Cuba, 22, 379
Trois Ilets, 203, 0
Santa Inez, 75, 0
West Ivis, 125, 272
Cefalu, 78, 450
Saarland, 310, 149
Nuevo Panama, 0, 169
Winnipeg, 33, 178
Komaki Maru, 582, 0
Lauritz Swenson, 7, 0
San Lucas, 360, 0
Elsie M., 0, 3

BALBOA

Chateau Thierry, 442, 31
Santa Inez, 284, 39
Antigua, 583, 36
Chimu, 0, 13
Istmo, 23, 138
Trois Ilets, 128, 0
Santa Elena, 242, 1
San Antonio, 0, 128
Buenos Aires, 1,132, 0
Victor Ross, 7,744, 0
Borgestad, 276, 0
Santa Maria, 18, 10
Santa Clara, 30, 129
Tai Shan, 180, 0
Iocoma, 719, 0
El Aleto, 10,390, 0
Benjamin Franklin, 0, 3
Nansenville, 1,032, 0
Santa Rosa, 18, 2
Este, 118, 0
West Camargo, 1,077, 0
Chiriqui, 626, 0
Istmo, 0, 101
Celtic Monarch, 402, 0
Santa Maria, 185, 0
Rokuyo Maru, 25, 0
Scottsburg, 2,125, 0
Chaumont, 5, 1
Santa Rita, 235, 20
Virginia, 1, 97
President Wilson, 14, 6
Kanawha, 3,160, 0
Nitro, 58, 0
Cumbal, 0, 87
Talamanca, 709, 37
Seattle, 114, 0
Dagfred, 11, 0
Santa Paula, 86, 0
Salvador, 2, 0
Santa Lucia, 103, 10
Santa Barbara, 185, 90
Santa Elena, 39, 21
Gertrude Kellogg, 7,571, 0
Ino, 0, 61
Antigua, 704, 44
West Ivis, 404, 2
Juanita, 1,924, 0
Chateau Thierry, 166, 0
Santa Inez, 5, 10
Laurits Swenson, 1,077, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,005; embarking 2,241; at Balboa, 1,046 disembarking and 1,122 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,208, from the Pacific to the Atlantic, 3,960. Aircraft numbering 38 entered Cristobal, and 164 passengers disembarked; clearances were 34, with 157 passengers embarking; at Balboa entries of aircraft were 18, with 54 passengers disembarking; clearances, 18, with 58 passengers embarking.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Movements of Ocean Vessels Through the Panama Canal

From midnight June 15, 1936, to midnight July 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sunoil [1] [2]	16	16	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Cerigo	16	16	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	257
Samuel Bakke [2]	16	17	Nor.	Knutsen Line	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Trois Ilets	12	17	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	28
Kiyosumi Maru [2]	17	17	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([15])	7,683
Silver Spray [5]			Amer.	J. McEwen	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Silver Spray [13]			Amer.	J. McEwen	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	16		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Auretta	17	18	Brit.	Garson Iron & Steel.	Norfolk, Va.	Kamaishi, Japan.	Steel scrap	8,126
Montevideo Maru [2]	18	18	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	General	4,643
Point Caleta	17	18	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	5,214
California Express. [2]	17	18	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	
Walter A. Luckenbach.	18	18	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,050
Sorvard [2]	18	18	Nor.	Lauritz Kloster	Texas City, Tex.	Yokohama, Japan	Scrap iron	6,605
Sunetta [1] [2]	18	18	Neth.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Taketoyo Maru	18	18	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	8,615
Patricia [2]	18	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	3,701
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Enoch [3]	18		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
President Hayes	19	19	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	4,058
Welsh City	18	19	Brit.	Mitsubishi Co.	Houston, Tex.	Yawata, Japan	Scrap iron	8,642
Sidney M. Hauptman.	19	19	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	Steel, gen.	4,625
American Traveler	19	19	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,298
Marore	17	19	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	
Trondanger [2]	19	19	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	130
Peter Maersk [2]	19	19	Dan.	Maersk Line	Boston, Mass.	Cebu, P. I.	General	7,049
Santa Inez [2]	19	20	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,625
Kwansai Maru [2]	19	19	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Moji, Japan	([16])	8,948
Minerva [2]	19	20	Nor.	C. D. Mallory & Co.	Galveston, Tex.	Powell Riv., B. C.	Sulphur	750
Leticia [3]	13		Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Vestvard [2]	20	20	Nor.	Lauritz Kloster	Newcastle, Eng.	S. Francisco, Cal.	Coke	4,845
Clio [2]	19	20	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	41
Panaman	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,507
City of Delhi	20	20	Brit.	Montreal-Aust.-N. Z.	Montreal, Can.	Dunedin, N. Z.	General	5,717
Chimu [2]	20	21	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,190
Annie Johnson [2]	20	21	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	3,869
Gaelic Star	21	21	Brit.	Blue Star Line	Glasgow, Scot.	N. West'er, B. C.	Ballast	
Istmo	19	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	320
Montreal Maru	21	21	Jap.	Kawasaki Kisen K.	New York, N. Y.	Yokohama, Japan	Cotton, gen.	7,917
Pacific Shipper [2]	21	21	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	470
Manizales	20	21	Ger.	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	Coffee, gen.	308
Ville de Amiens	21	21	Fr.	Messageries Marit'es.	Marseilles, Fr.	Noumea, N. Caled	General	1,258
Edgar F. Luckenbach.	21	21	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	General	7,493
Tuira [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	20	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	22
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Paula	21	22	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	613
Onondaga	21	22	Amer.	Ford Motor Co.	Chester, Pa.	S. Francisco, Cal.	Auto. parts	2,415
Wyoming	21	22	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	([17])	7,383
Silveryew [2]	21	22	Brit.	Silver Line, Ltd.	New York, N. Y.	Hongkong, China	General	1,851
City of Manila	21	22	Brit.	Ellerman Lines	New York, N. Y.	Adelaide, Aus'lia.	General	5,594
Trefusis	22	22	Brit.	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	
Orotava	22	22	Hond.	United Fruit Co.	Galveston, Tex.	Guayaquil, Ecua.	Ballast	
Antofagasta	22	22	Chile.	Chile.-N. Amer. Line.	New York, N. Y.	Talcahuano, Chile	Gen., sugar	4,062
Comliebank [2]	22	22	Brit.	Bank Line	London, England	Puget Sd., Wash.	Ballast	
Grenland	21	22	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	850
Portmar	22	22	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,094
Hoegh Carrier [2]	22	22	Nor.	Kawasaki Kisen K.	New York, N. Y.	Kobe, Japan	Wax, rags	72
Goolistan	22	22	Brit.	Anglo-Can. S S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Genota [1] [2]	22	22	Neth.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
PacificCommerce [2]	22	22	Brit.	Canadian Transp. Co.	Montreal, Can.	Vancouver, B. C.	General	7,705
Bente Maersk [1] [2]	22	22	Dan.	A. P. Moller	Flushing, Neth.	La Libertad, Ecu.	Ballast	
Fordsdale	22	23	Brit.	Shaw, Savill & Albion	London, England	HawkesBay, N.Z.	General	6,500
Sacramento	22	22	Amer.	Nelson Line	New York, N. Y.	Seattle, Wash.	General	3,433
Pirate [3]	22		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Petter [1] [2]	22	23	Nor.	Rafineries de Berre	Berre, France	Talara, Peru	Ballast	
Harmanteh	22	23	Brit.	Canadian Transp. Co.	New Orleans, La.	GraysHar., Wash.	Ballast	
Nuevo Panama [2]	22	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Cement	150
Chattanooga City	22	23	Amer.	Isthmian S. S. Lines	Swansea, Eng.	Vancouver, B. C.	Steel, gen.	4,118
Mercury Sun [1] [2]	23	23	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [13] Tender. [14] For bananas and return to Cristobal. [15] Cotton, lead, etc. [16] General, oil, steel, etc. [17] Chalk, coke, general etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
King William [2]	23	23	Brit.	J. J. Moore	Cardiff, England	Vancouver, B. C.	Ballast	
Getsuyo Maru [2]	23	23	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Moji, Japan	([14])	7,931
San Antonio	22	24	Fr.	French Line	Havre, France	Vancouver, B. C.	([15])	6,118
Dinteldijk [2]	23	24	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	Gen., oil	3,060
Jacob Jones, No. 130. [9]	22		Amer.	U. S. Navy	New York, N. Y.	Gatun, C. Z.	Ballast	
J. Fred Talbot, No. 156. [9]	22		Amer.	U. S. Navy	Boston, Mass.	Gatun, C. Z.	Ballast	
Tattnall, No. 125 [9]	22		Amer.	U. S. Navy	NewHaven,Conn.	Gatun, C. Z.	Ballast	
Herbert, No. 160 [9]	22		Amer.	U. S. Navy	Washington,D.C.	Gatun, C. Z.	Ballast	
Badger, No. 126 [9]	22		Amer.	U. S. Navy	NewHaven,Conn.	Gatun, C. Z.	Ballast	
Dickerson, No. 157. [9]	22		Amer.	U. S. Navy	Savannah, Ga.	Gatun, C. Z.	Ballast	
Tillman, No. 135 [9]	22		Amer.	U. S. Navy	Boston, Mass.	Gatun, C. Z.	Ballast	
Schenck, No. 159 [9]	22		Amer.	U. S. Navy	Savannah, Ga.	Gatun, C. Z.	Ballast	
Leary, No. 158 [9]	22		Amer.	U. S. Navy	Washington,D.C.	Gatun, C. Z.	Ballast	
Victor Ross [1] [2]	23	25	Pan.	Standard Oil of N. J.	Aruba, D. W. I.	Talara, Peru	Fuel oil	7,743
San Clemente	23	24	Amer.	Calif. & Eastern Line.	Philadelphia, Pa.	Tacoma, Wash.	General	3,499
Missourian [2]	23	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,917
Hanley	23	24	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Tacoma, Wash.	([16])	5,946
President Herrenschmidt. [1] [2]	23	24	Nor.	Pechelbronn	Antwerp,Belgium	Lobitos, Peru	Ballast	
Buenos Aires [2]	24	25	Swed.	Johnson Line	Stockholm, Swed.	Honolulu, T. H.	Gen., paper	8,351
Javanese Prince [2]	24	24	Brit.	Prince Line, Ltd.	Baltimore, Md.	Kobe, Japan	Scrap iron	7,401
Loriga [2]	24	25	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile.	General	3,015
Lahn	24	24	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,112
Maria Cristina [3]	24	24	Pan.	A. Tagaropulos	Cristobal, C. Z.	Panama, R. P.	Tow. *Mecca*	
Mecca [5]	24	24	Pan.	A. Tagaropulos	Cristobal, C. Z.	Panama, R. P.	Ballast	
No. 5434 [13]			Pan.	A. Quinones	Gatun, C. Z.	Cristobal, C. Z.	Ballast	
Memphis [12]	25		Amer.	U. S. Navy	Pt. Limon, C. R.	Balboa, C. Z.	Ballast	
Manley, No. 74 [9]	25		Amer.	U. S. Navy	Pt. Limon, C. R.	Balboa, C. Z.	Ballast	
Fairfax, No. 93 [9]	25		Amer.	U. S. Navy	Pt. Limon, C. R.	Balboa, C. Z.	Ballast	
Santa Clara	24	25	Amer.	Grace Line	New York, N. Y.	Talcahuano,Chile	General	2,093
Herman F. Whiton	24	25	Amer.	Texas Gulf Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,350
Helen Whittier	25	25	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	([17])	6,276
Paul Luckenbach	25	25	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,461
Franz Klasen [1] [2]	25	25	Pan.	W. Tankschiff Rhed'i	Hamburg, Ger.	Talara, Peru	Ballast	
Steelore	25	25	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Castana [1]	25	25	Amer.	U. S. Tankship Corp.	New Orleans, La.	Los Angeles, Cal.	Ballast	
J-46 [5]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Totem [5]	20		Pan.	Jose M. Sosa	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nansenville [2]	25	27	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	1,045
Charles R. McCormick.	25	26	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	3,209
El Aleto [1] [2]	26	28	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Talara, Peru	Fuel oil	10,390
Dilworth [1]	26	26	Amer.	Shell Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	
Harlingen	26	26	Brit.	Empire Shipping Co.	Houston, Tex.	Vancouver, B. C.	Ballast	
Treverbyn	25	26	Brit.	Hain S. S. Co.	Cardiff, Eng.	Vancouver, B. C.	Ballast	
Dakotan	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,672
Edwin Christenson.	26	26	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	5,055
Santa Rosa	26	27	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Gen, coffee	3,199
Athelcrown [1] [2]	26	26	Brit.	United Molasses Co.	Birkenhead, Eng.	S. Francisco, Cal.	Ballast	
San Felipe	26	26	Amer.	States S. S. Co.	Norfolk, Va.	Tacoma, Wash.	Steel, pipe	3,461
Swan [3]			Amer.	H. L. Bemis	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
P-10 [5]			Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Enoch [3]	26		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]		
Akaroa	26	27	Brit.	Shaw, Savill & Albion	S'ampton, Eng.	Wellington, N. Z.	General	5,000
Este	26	27	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	5,873
Ino [2]	25	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	153
Nordvard [2]	26	27	Nor.	Lauritz Kloster	Savannah, Ga.	Yokohama,Japan	Scrap iron	7,062
Trois Ilets	23	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	15
Point Brava	27	27	Amer.	Gulf-Pacific Line	Lake Charles, La.	Tacoma, Wash.	General	4,343
Quarrington Court.	27	27	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Leikanger	27	27	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,667
Kansan	27	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,759
Pereira	27	27	Pan.	Elliot Ship. & Land Co.	Manaure, Col.	B'ventura, Col.	Salt	980
Jutland	27	28	Brit.	Canadian Transp. Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	
Trematon	27	28	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Corrientes	28	28	Brit.	Donaldson Line	Glasgow, Scot.	N. West'er, B. C.	General	813
Aden Maru	28	28	Jap.	Kokusai Kisen Kaisha	St. John, N. B.	Yawata, Japan	([19])	7,910
Durazzo	27	28	Ger.	Hamburg-Amer. Line.	Cartagena, Col.	Guayaquil, Ecua.	General	385
Makiki	28	28	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Honolulu, T. H.	General	3,331
Point Ancha	28	28	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	3,303
Tuira [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Istmo	27	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	450

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [12] Cruiser. [13] Cayuco. [14] Sugar, scrap iron. [15] General, sand, coke, etc. [16] General, lubricating oil, etc. [17] Fertilizer, general. [18] For bananas and return to Cristobal. [19] Aluminum, scrap steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Athelknight [1] [2]	28	29	Brit	United Molasses Co	New York, N. Y.	Japan	Ballast	
Sangstad [2]	28	29	Nor	Fern Line	Tampico, Mexico	Miike, Japan	Cotton, gen.	6,996
Willzipo	28	29	Amer.	Williams S. S. Co.	N. London, Conn.	Tacoma, Wash.	General	3,422
Svealand [2]	29	29	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Cambridge	28	29	Brit	FederalSteamNav.Co.	Liverpool, Eng.	Sydney, Aust'lia	General	4,142
Noshiro Maru [2]	29	29	Jap	Nippon Yusen Kaisha	Philadelphia, Pa.	Nagasaki, Japan	([16])	7,495
Mauna Loa	29	29	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	General	5,074
H. M. S. Apollo [1] [2]	29	30	Brit	British Government	Bermuda, B. W. I.	Galapagos Island	Ballast	
Acajutla	14	30	Brit	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	855
Tilsington Court	29	30	Brit	Canadian Transp. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Taranger [2]	29	30	Nor	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	205
Surrey	30	1	Brit	FederalSteamNav.Co.	Liverpool, Eng.	Auckland, N. Z.	General	10,707
Clydebank [2]	30	30	Brit	Andrew Weir & Co.	New York, N. Y.	Yawata, Japan	([17])	7,816
Texan	30	30	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,650
City of Florence	30	30	Brit	Ellerman & Bucknall.	Quebec, Canada	Osaka, Japan	General	6,679
Enoch [3]	30		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Lt. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frumenton	30	1	Brit	R. Chapman & Son	Tyne, England	Chile	Ballast	
Westmoor [2]	30	1	Brit	W. Runciman & Co	Liverpool, Eng.	Estevan [15]	Ballast	
Arcadia [6]	29	3	Amer.	Mrs. M. S. Hardwick.	Miami, Fla.	Galapagos Island	Ballast	
Hollywood	30	1	Amer.	McCormick S. S. Co	Buenos Aires, Arg.	Seattle, Wash.	General	4,367
Darlington Court	1	1	Brit	United British S. S. Co.	Greenock, Eng.	Vancouver, B. C.	Ballast	
Scottsburg [8]	27	3	Amer.	U. S. Army	Brooklyn, N. Y.	Honolulu, T. H.	General	5,107
Real [2]	30		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Norfolk Maru	1	2	Jap	Kawasaki Kisen K.	New York, N. Y.	Kobe, Japan	([18])	7,347
Yuri Maru	1	2	Jap	Kokusai Kisen Kaisha	Norfolk, Va.	Moji, Japan	([19])	8,718
Tidewater Associated. [1] [2]	2	2	Amer.	Tidewater Oil Co.	New York, N. Y.	La Libertad, Ecu.	Ballast	
City of Rayville [2]	2	2	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	7,820
F. J. Luckenbach.	2	2	Amer.	Luckenbach Line	New York, N. Y.	Tacoma, Wash.	General	4,206
Shunhwa	2	2	Chin.	United Ocean Trsp. Co.	New York, N. Y.	Tsingtao, China.	Ballast	
Henry D. Whiton.	2	2	Amer.	Union Sulphur Co.	Pt. Sulphur, La.	Dupont, Wash.	Sulphur	6,400
Geddington Court	29	2	Brit	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Raby Castle [2]	2	2	Brit	Barber Line	New York, N. Y.	Shanghai, China	General	1,118
President Wilson	3	3	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,357
Virginia	3	3	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,568
Nitro [1] [3]	2	6	Amer.	U. S. Navy	Norfolk, Va.	Puget Sd., Wash.	Navy stores	3,306
Victoria Maru	2	3	Jap	Kokusai Kisen Kaisha	New York, N. Y.	Japan	Ballast	
Amerikaland [2]	3	3	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Hoegh Merchant [2]	3	3	Nor	Kawasaki K. Kaisha	New York, N. Y.	Osaka, Japan	Gen., cotton.	5,783
Tower Dale	3	3	Brit	Downs S. S. Co.	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,960
Santa Rita [2]	2	4	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,895
Brilliant [1] [2]	3	3	Amer.	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	
Steel Trader	3	4	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	Steel, autos.	7,957
Tredinnick	3	4	Brit	Hain S. S. Co	Norfolk, Va.	Vancouver, B. C.	Ballast	
Macoma [1] [2]	3	4	Neth.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Tremorvah	4	4	Brit	Hain S. S. Co.	Cardiff, England	Vancouver, B. C.	Ballast	
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	31
Pennmar	4	4	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,578
Andrea F. Luckenbach.	4	4	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	1,316
Rhakotis [2]	3	4	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,800
Columbian	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,670
Trois Ilets	3	4	Fr	French Line	Cristobal, C. Z.	B'ventura, Col.	General	21
Barneveld	3	4	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,401
Viking [5]			Amer.	George Baker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Cumbal [2]	4	5	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,045
Cape Howe	4	5	Brit	Lyle Shipping Co	Greenock, Eng.	Pto. Chic'a, Peru.	Ballast	
Santa Maria [1]	2	5	Amer.	Union Oil Co	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	
Peter Kerr	3	5	Amer.	Pac.-Atlantic Co-p	Albany, N. Y.	Seattle, Wash.	Gen, steel	4,246
Canadian Reefer [2]	4	5	Dan	J. L. Lauritzen	London, England	S. Francisco, Cal.	Ballast	
Katrina Luckenbach.	5	5	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,969
Gustaf E. Reuter [2]	5	5	Swed.	Red. A. B. Reut	Middlesb'gh, Eng.	Seattle, Wash.	Creosote	8,874
Cali	27	5	Ger	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	277
Felix Taussig	5	5	Amer.	McCormick S. S. Co.	New York, N. Y.	Los Angeles, Cal.	General	5,403
Reina del Pacifico. [2]	4	5	Brit	Pacific Steam Nav.Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,862
Pacific Exporter [2]	5	5	Brit	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	687
Kanawha [1]	4	6	Amer.	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	Ballast	
Nankai Maru [2]	6	6	Jap	Osaka Shosen Kaisha.	Boston, Mass.	Moji, Japan	([20])	8,133
Mary D.	6	6	Amer.	Shepard S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,029
Lindenbank	6	6	Brit	Andrew Weir & Co.	Freeport, Tex.	Adelaide, Aus'lia.	Sulphur, gen.	5,876
Olney [1]	6	6	Amer.	Penn. Shipping Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Dagfred [2]	6	6	Nor	Isbrandtsen Moller Co.	Baltimore, Md.	Manila, P. I.	General	5,533

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [13] Auxiliary. [14] For bananas and return to Cristobal. [15] For orders. [16] General, tinplate, etc. [17] Iron, steel scrap. [18] Phosphate, cotton. [19] Scrap iron, rails. [20] Scrap tin, general, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Drechtdijk [2]	6	7	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,098
Seattle [2]	5	7	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	5,304
Mayan	29	7	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	500
Devon City [2]	6	8	Brit.	Mitsubishi Co.	Tampa, Fla.	Seikoshin, Japan.	Phosphate	8,724
Trevarrack	7	7	Brit.	Hain S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Fernwood [2]	7	7	Nor.	Garson Steel & Iron.	Norfolk, Va.	Yawata, Japan.	Scrap iron	7,522
Mauna Kea	6	7	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Gen., steel	6,013
Canada [2]	7	7	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	474
Texas [1]	7	7	Amer.	The Texas Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	Lubricants	5,897
Virginian	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,778
Eglantine	7	7	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Cebu, P. I.	Cotton, iron.	6,162
Bolton Castle	7	7	Brit.	Mitsubishi & Co.	Beaumont, Tex.	Yawata, Japan.	Scrap	7,945
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Bushnell [13]	2	8	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	
Calgarolite [1] [2]	7	8	Brit.	Imperial Oil Co.	Montreal, Can.	Talara, Peru	Ballast	
Nichiyo Maru [2]	8	8	Jap.	Mitsui Bussan Kaisha	Cartagena, Col.	Seattle, Wash.	Ballast	
Prince David	8	9	Brit.	National Tours	Halifax, N. S.	Juneau, Alaska	Passengers	
Chilore	5	8	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Aras [6]	7	8	Amer.	Hugh J. Chisholm	New York, N. Y.	Honolulu, T. H.	Ballast	
President Cleveland.	9	10	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	6,935
Brimanger [2]	8	10	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	([16])	6
Rangitata [2]	9	10	Brit.	N. Z. Shipping Co.	London, England	P. Chalmers, N. Z.	General	3,313
El Cirvo [1]	9	10	Brit.	C. T. Bowring & Co.	Antwerp, Belgium	Cabo Bl'co, Peru.	Ballast	
Lewis Luckenbach	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,300
Montrolite [1] [2]	9	9	Brit.	Imperial Oil Co.	Montreal, Can.	Talara, Peru	Ballast	
Santa Barbara [2]	9	10	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,186
Brynje [2]	9	9	Nor.	Canadian Transp. Co.	Mobile, Ala.	Vancouver, B. C.	Sulphur, gen.	3,310
L. A. Christensen [2]	9	10	Nor.	Wessel, Duval & Co.	Pt. Alfred, Can.	San Antonio, Chile	Newsp't, gen	3,006
Tai Yang [2]	9	10	Nor.	Barber Line	New York, N. Y.	Moji, Japan	Scrap iron	8,300
Charles Christenson.	9	10	Amer.	Christenson S. S. Co.	Jacksonville, Fla.	Seattle, Wash.	General	4,984
Sonnavind [2]	9	10	Nor.	K. Line	Philadelphia, Pa.	Seattle, Wash.	Ballast	
Rhexenor	10	10	Brit.	Butterfield & Swire	Montreal, Can.	Kobe, Japan	([17])	5,784
Heffron	10	10	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	Steel, gen.	7,290
Ohioan	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,353
Santa Elena	10	11	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	2,812
Camden [2]	10	10	Amer.	Shell Oil Co.	Wilmington, N.C.	Los Angeles, Cal.	Ballast	
Enoch [3]	10		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		
Ino [2]	10	11	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	172
Perene	10	11	Peru	C. P. V. D.	Iquitos, Peru	Callao, Peru	Lumber, etc.	1,518
Bradglen	10	11	Brit.	Leeds Shipping Co.	Mobile, Ala.	Yawata, Japan	Scrap iron	7,939
American Eagle	11	11	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,283
Calmar	11	11	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,956
Bonita [2]	11	11	Nor.	C. H. Sorensen	Cardenas, Cuba.	Los Angeles, Cal.	Ballast	
Point Vincente	11	11	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	([18])	4,725
Istmo	9	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Somerset	11	12	Brit.	Federal Steam Nav. Co.	Liverpool, Eng.	Fremantle, Aus'lia	General	5,377
Ward [2]	11	12	Amer.	Roosevelt S. S. Co.	New York, N. Y.	Adelaide, Aust'lia	General	5,236
Canadian Conqueror.	11	12	Brit.	Manzl Line	Montreal, Can.	Bluff, N. Z.	General	4,122
Gracia	11	12	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	620
Cerigo	4	12	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	634
W. S. Miller [1]	12	12	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Lub. oils	8,743
John Bakke [2]	12	12	Nor.	Knutsen Line	Stavanger, Nor.	Vancouver, B. C.	Ballast	
Real [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	11		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Myra [5]			Amer.	E. L. Stahler	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Salvador	8	13	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	502
Juanita [1]	12		Venez.	Shell Oil Co.	Curacao, D. W. I.	Balboa, C. Z.	([19])	1,879
Chester Sun [1] [2]	12	13	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Pan Aruba [2] [2]	13	13	Nor.	Huasteca Pet. Co.	Ellesm're Pt., Eng.	Talara, Peru	Ballast	
Port Hunter	13	13	Brit.	Com'lth & Dom. Line	London, England	N. Plym'th, N. Z.	General	5,754
Point Estero	13	13	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,550
Pereira	13	13	Pan.	Elliot Ship. & Land Co.	Manaure, Col.	B'ventura, Col.	Salt	910
Maria Cristina [3]	13	13	Pan.	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	2
Chateau Thierry [8]	13		Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	68
Osnabruck [2]	13	14	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	Gen., cement	5,652
C. O. Stillman [1] [2]	13	14	Brit.	International Pet. Co.	Halifax, N. S.	Talara, Peru	Ballast	
Levernbank [2]	13	14	Brit.	Bank Line, Ltd.	Liverpool, Eng.	Adelaide, Aus'lia.	Newsprint	3,854
Steel Voyager	14	14	Amer.	Isthmian S. S. Lines	Portland, Me.	Tacoma, Wash.	Steel, gen.	8,143
Caithness [2]	14	14	Brit.	Anglo-Can. S. S. Co.	Hull, England	Vancouver, B. C.	Ballast	
Empire State [2] [3]	8	17	Amer.	U. S. N. & N. Y. State	Curacao, D. W. I.	Callao, Peru	Ballast	
Matua [2]	14	15	Brit.	Union S. S. Co.	Newcastle, Eng.	Auckland, N. Z.	Ballast	
Magmeric	14	14	Amer.	Stauffer Chemical Co.	New Orleans, La.	S. Francisco, Cal.	Sulphur	7,200
Chloe	14	14	Greek	Lykiaropulo & Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [13] Submarine tender. [14] Training ship. [15] For bananas and return to Cristobal. [16] Caraway seeds and fly catchers. [17] Scrap iron, general. [18] Iron, lumber, etc. [19] Gasoline and oil products.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Beloit [3]	14	14	Hond.	W. M. Eden	La Ceiba, Hond.	Amapala, Hond.	Ballast	.....
Oregonian	14	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,732
Tuscaloosa City	15	15	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Penang, Str. Sett.	General	8,084
Laurits Swenson [2]	15	16	Nor.	Fred Olsen & Co.	Hull, England	Vancouver, B. C.	General	2,872
Columbia Maru [2]	15	15	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Korea, Japan	Phos. rock	8,343
Winnipeg	14	15	Fr.	French Line	Havre, France	Vancouver, B. C.	([15])	4,764
Nuevo Panama [2]	14	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	210
Enoch [3]	15	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Virginia	15	16	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,170
Darcoila	15	16	Brit.	Douglas & Ramsey	Antof'gasta, Chile	Azores [14]	Nit. of soda	6,750
Sambu [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	8
Tolken	15	16	Swed.	Transatlantic S. S. Co.	Apia, Samoa Is.	Rotterdam, Neth.	General	7,620
Sonnavind [2]	16	16	Nor.	"K" Line, Japan	Manila, P. I.	Baltimore, Md.	General	6,447
Kinross [2]	16	16	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	General	8,670
Avon Bridge	16	16	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Montreal, Can.	Lumber	5,377
West Nilus	12	17	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	Lumber, gen.	4,754
Lake Gorin	16	16	Amer.	Dutton Lumber Corp.	Pt. Gamble, Wash.	Camden, N. J.	Lumber	1,918
Santa Rita [2]	16	17	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,490
Pomona	16	16	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Baltimore, Md.	General	10,522
Amerikaland [2]	17	17	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,200
Dusseldorf [2]	17	18	Ger.	North German Lloyd.	Valparaiso, Chile.	Bremen, Ger.	General	5,787
Schwaben	17	17	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,619
Siredal	17	17	Nor.	Grace Line	B'ventura, Col.	Turks Is., W. I.	Ballast	.....
Orazio [2]	17	19	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,487
Pennsylvanian	17	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,937
Lena Luckenbach.	18	18	Amer.	Luckenbach-Gulf Co.	Los Angeles, Cal.	New Orleans, La.	General	6,788
Harry Luckenbach	18	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,209
Kirishima Maru [2]	18	18	Jap.	Kokusai Kisen Kaisha	Penang, Mal. Pen.	New York, N. Y.	General	6,526
San Francisco	18	19	Fr.	French Line	Vancouver, B. C.	Le Havre, Fr.	General	6,817
Effingham	18	18	Amer.	Lykes Bros., Ripley	Iloilo, P. I.	Philadelphia, Pa.	Sugar	8,150
Marian Otis Chandler.	18	18	Amer.	Matson S. S. Co.	Hilo, T. H.	New Orleans, La.	([16])	7,965
C. O. Stillman [1] [2]	18	19	Brit.	International Pet. Co.	Talara, Peru	Halifax, N. S.	Crude oil	21,443
Chateau Thierry [8]	18	20	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	352
W. S. Miller [1]	18	19	Amer.	Tidewater Oil Co.	S. Francisco, Cal.	Bayonne, N. J.	Gasoline	8,743
Niel Maersk [2]	19	19	Dan.	Isbrandtsen-Moller Co	Iloilo, P. I.	New York, N. Y.	([17])	6,560
Clio [2]	19	20	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	482
Everleigh	19	19	Brit.	Anglo-Can. S. S. Co.	N. West'er, B. C.	London, England	Lumber, gen.	9,145
Nanko Maru [2]	19	20	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	([18])	2,906
Lochkatrine [2]	19	20	Brit.	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	General	9,034
Grenland	19	22	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	655
Istmo	19	21	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	610
Jefferson Myers	19	19	Amer.	States S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,789
Totem [2] [5]	19	...	Pan.	Joses M. Sosa	Panama, R. P.	Colon, R. P.	Ballast	.....
Trontolite [1] [2]	19	20	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Can.	Gasoline	7,578
Tuira [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	51
Canadian Victor	19	21	Brit.	Can. Nat. Steamships	Wellington, N. Z.	Montreal, Can.	Wool, tallow	1,966
Real [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Sambu [2]	19	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Steel Maker	20	20	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	Lumber	7,867
Hindanger [2]	20	20	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	([19])	7,085
West Cape	20	20	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	General	8,489
Harpathian	20	20	Brit.	Canadian Transp. Co.	Victoria, B. C.	London, England	Wheat, lum'r	7,600
Roanoke [1]	20	20	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall Riv., Mass.	Gasoline	8,378
Maria Cristinia [2]	20	24	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([20])	29
Azumasan Maru [2]	20	20	Jap.	Misui Bussan Kaisha.	Penang, Mal. Pen.	New York, N. Y.	General	5,814
Durazzo	20	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	934
Rialto [2]	20	21	Ital.	Nav. Libera-Triestina	Vancouver, B. C.	Trieste, Italy	General	7,600
Etrema [1] [2]	20	21	Neth.	N.V. Pet. My La Corona	Los Angeles, Cal.	Curacao, D. W. I.	([21])	8,948
Baarn	20	22	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	7,629
Silverpalm [2]	20	21	Brit.	Silver Line, Ltd.	Los Angeles, Cal.	Calcutta, India	Gen., lumber	5,079
Hokuroku Maru [2]	21	22	Japan.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	7,057
Yrsa [2]	21	21	Dan.	J. Lauritzen	Los Angeles, Cal.	Liverpool, Eng.	([22])	696
Belfast Maru	21	22	Jap.	Kawasaki K. Kaisha.	Shanghai, China.	Houston, Tex.	Silk, general.	1,941
Telamon	21	22	Neth.	The Booth S. S. Co.	Callao, Peru	Iquitos, Peru	General	732
El Oso [1]	21	22	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Liverpool, Eng.	Crude oil	10,161
Ashburton [2]	21	22	Brit.	Trinder Anderson Co.	Pagoum'e, Soc. I.	New York, N. Y.	Chrome ore	7,780
Nuevo Panama [2]	22	23	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Elona [1] [2]	22	22	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [14]	([23])	8,686
Alaska	22	23	Fr.	French Line	Valparaiso, Chile.	Le Havre, France	General	8,442
Jane Christenson	22	23	Amer.	Arrow Line	So. Bend, Wash.	Baltimore, Md.	Lumber	7,568

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] For bananas and return to Cristobal. [14] For orders. [15] General, chalk, coke, etc. [16] Sugar, pineapples. [17] Sugar, oil, general. [18] Wood, oil, general. [19] Grain, lumber, general. [20] Lumber, plantains. [21] Kerosene distillate. [22] Fresh citrus fruit. [23] Kerosene, gasoline.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Buffalo Bridge	22	22	Amer.	Nelson S. S. Co.	S. Francisco, Cal.	New York, N. Y.	General	4,261
Santa Elena	22	23	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	Coffee, gen.	3,590
Heronspool	22	23	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Leith, Scotland	Wheat	8,477
Bessemer City	23	23	Amer.	Isthmian S. S. Lines	Hilo, T. H.	Baltimore, Md.	General	7,667
Edward Luckenbach.	23	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,450
Texmar	23	24	Amer.	Calmar S. S. Corp.	Seattle, Wash.	New York, N. Y.	Lumber	7,548
Pacific Pioneer [2]	23	23	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	Gen., fruit	7,312
Sage Brush	23	23	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,539
Mexican	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,298
Alaskan	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,716
Trois Ilets	22	27	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	202
Eastern Glade	22	23	Amer.	TwinHarb.LumberCo.	Aberdeen, Wash.	Boston, Mass.	Lumber	7,500
Curaca	23	24	Amer.	S. American Metal Co.	Valparaiso, Chile.	New York, N. Y.	([13])	4,803
Pee Wee [2] [5]	23	...	Amer.	Foster & Bubb	Balboa, C. Z.	Miraflores Lake	Ballast	.....
Potter [2]	13	24	Amer.	Roosevelt S. S. Co.	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,482
Austvard [2]	24	24	Nor.	Spreckels Co.	Pulupandan, P. I.	Eastcoast, U.S.A.	Sugar	6,581
Santa Maria [2]	24	24	Amer.	Grace Line	Talcahuano,Chile	New York, N. Y.	General	3,917
Borgestad [2]	24	24	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Philadelphia, Pa.	Lumber, gen.	5,668
Chester Sun [1] [2]	24	25	Amer.	Sun Oil Co.	El Segundo, Cal.	Chester, Pa.	([14])	13,403
Martin Bakke [2]	24	25	Nor.	Knutsen Line	Vancouver, B. C.	Liverpool, Eng.	General	7,600
Macoma [1] [2]	24	25	Neth.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	([15])	12,043
Maridal [1] [2]	24	25	Nor.	Standard Ship. Co.	Los Angeles, Cal.	Hamburg, Ger.	Gasoline	9,560
Ino [2]	25	27	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee	113
Punta Arenas	25	26	Chile.	Chile. N. Amer. Line.	Valparaiso, Chile.	New York, N. Y.	General, ores	4,582
Tai Shan [2]	25	26	Pan.	Wilh. Wilhelmsen	Manila, P. I.	New York, N. Y.	General	6,106
P-10 [5]	25	26	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Imperoyal [1]	25	26	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	2,844
Orbita	26	26	Brit.	Pacific Steam Nav.Co.	S. Antonio, Chile.	Liverpool, Eng.	General	7,708
Augsburg	25	26	Ger.	North German Lloyd.	Whyalla, Aus'lia.	Baltimore, Md.	Iron ore, gen.	6,628
Athelchief [1] [2]	25	26	Brit.	United Molasses Co.	Honolulu, T. H.	Liverpool, Eng.	Molasses	11,267
Benjamin Franklin. [2]	26	27	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	Wheat, gen.	7,840
Everett	26	26	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	6,560
Losada [2]	26	27	Brit.	Pacific Steam Nav.Co.	Callao, Peru	Liverpool, Eng.	General	8,523
Kongo Maru [2]	26	27	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,340
Empire Arrow [1]	26	26	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	11,332
Oregon Express [2]	26	26	Nor.	Fruit Express Line	Los Angeles, Cal.	Rotterdam, Neth.	Citrus fruit	1,288
Paris City	26	27	Brit.	Reardon Smith Line	N. West'er, B. C.	Cardiff, Wales	General	8,800
Gen. Wm. M. Graham. [11]	26	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Colorado Springs	27	27	Amer.	Amer.-GulfOrientLine	Iloilo, P. I.	New Orleans, La.	Sugar, Canex	8,645
Tuira [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	51
Leticia [2]	27	...	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Capetown Maru	27	27	Jap.	Kokusai Kisen Kaisha	Cebu, P. I.	New Orleans, La.	Sugar	7,500
Istmo	27	29	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	545
Cali	27	5	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	995
Gregalia	27	27	Brit.	Donaldson Bros., Ltd.	Vancouver, B. C.	Glasgow, Scot.	Gen., fruit	6,514
Willsolo	27	27	Amer.	Williams S. S. Co.	Los Angeles, Cal.	Bridgeport,Conn.	Gen., lumber	8,342
Canadian Highlander.	27	28	Brit.	Can. Nat. Steamships.	Sydney, Aust'lia.	Montreal,Canada	General	3,077
Steel Ranger	27	28	Amer.	Isthmian S. S. Lines	Penang, Mal.Pen.	Norfolk, Va.	General	5,144
Point Judith	28	28	Amer.	Swayne & Hoyt	Portland, Oreg.	Lake Charles, La.	Lumber, gen.	6,747
Losmar	28	28	Amer.	Calmar S. S. Corp.	Pt.Angeles,Wash.	New York, N. Y.	Lumber	6,979
Wisconsin	28	29	Fr.	French Line	Vancouver, B. C.	Le Havre, Fr.	Wheat, gen.	7,330
San Angelo	28	28	Amer.	States S. S. Co.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,100
Caledonia [1] [2]	28	29	Nor.	Lorentzens Rederi Co.	Richmond, Calif.	Hamburg, Ger.	Diesel oil	14,523
Lt. Col. H. C. Schumm. [4]	29	30	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Belgium Maru	28	29	Jap.	Kokusai Kisen Kaisha	Philippine Is.	Philadelphia, Pa.	Sugar	7,500
Atago Maru [2]	28	29	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New Orleans, La.	General	9,758
Quebec City	28	29	Brit.	States Marine Corp.	Iloilo, P. I.	East coast,U.S.A.	Sugar	8,000
Hadleigh	29	29	Brit.	Canadian Transp. Co.	Victoria, B. C.	Hartlepool, Eng.	Grain, lum.	9,375
Orotava	29	29	Hond.	United Fruit Co.	Guayaquil, Ecua.	New York, N. Y.	Bananas	610
Poseidon	29	29	Ger.	F. Lacisz	Chile	Antwerp, Belg.	General	8,761
Point Chico	29	29	Amer.	Swayne & Hoyt	Tacoma, Wash.	CorpusCh'ti,Tex.	Lumber, gen.	5,970
Julia Luckenbach.	29	29	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Sugar, gen.	7,394
Mayan	29	7	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	951
Cable Enterprise	27	30	Brit.	Western Telegraph Co.	Callao, Peru	St. Lucia, B.W.I.	Ballast	.....
Delftdijk [2]	29	30	Neth.	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam, Neth.	General	8,690
Dr. Brinkley II [2] [6]	29	1	Amer.	Dr. John R. Brinkley.	Galapagos Is.	Kingston, Jam.	Ballast	.....
Kentuckian	29	29	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	4,742
Pennsylvania	29	30	Amer.	Panama Pacific Line.	S.Franicsco, Cal.	New York, N.Y.	General	4,394
Bethore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Europa [2]	29	30	Dan.	East Asiatic Co.	Los Angeles, Cal	Copenhagen,Den.	Wheat, gen.	9,648
Real [2]	30	1	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Margaret Johnson. [2]	30	1	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	5,752

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [11] Mineplanter. [13] Copper, gold ore. [14] Gasoline, spirits. [15] Benzine, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Trojan Star	29	1	Brit.	Blue Star Line	Bluff, N. Z.	Glasgow, Scot.	Frozen, gen.	6,446
Cacique	29	30	Amer.	Grace Line	Pacasmayo, Peru	New York, N. Y.	General	2,334
Bordeaux Maru	29	30	Jap.	Kawasaki K. Kaisha	Iloilo, P. I.	Baltimore, Md.	Sugar, gen.	8,265
West Camargo	28	30	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	Lumber, gen.	4,280
Amasis	30	1	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	8,077
Umberleigh	30	30	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Gr'mouth, Scot.	Grain, lum.	8,400
Steel Exporter	30	30	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	Sugar, gen.	7,476
Sveadrott [2]	30	30	Swed.	Stockholms Rederi	SanAntonio,Chile	Goth'burg, Swed.	General	7,679
Jacob Luckenbach	30	30	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	7,806
Nairnbank [2]	30	30	Brit.	Bank Line, Ltd.	Iloilo, P. I.	New York, N. Y.	Sugar	8,500
Bronxville [2]	30	30	Nor.	Fern Line	Manila, P. I.	East coast, U.S.A.	Sugar	7,500
Oakland [2]	1	1	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,669
Celtic Monarch	30	1	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Quebec, Canada.	Lumber, gen.	6,800
Naruto Maru [2]	1	1	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	3,585
Acavus [1] [2]	1	1	Brit.	Shell Oil Co.	S. Francisco, Cal.	United Kingdom.	Gasoline	11,419
France Maru	1	1	Jap.	Warner Barnes & Co.	Miike, Japan	East coast, U.S.A.	Sugar	7,541
Anna Maersk [2]	1	2	Dan.	A. P. Moller	Manila, P. I.	New York, N. Y.	Sugar, gen.	6,565
Petter [1] [2]	1	1	Nor.	Refineries de Berre	Talara, Peru	Berre, France	Crude oil	14,268
Stella	1	2	Dan.	Wessel, Duval & Co.	Talcahuano,Chile	New York, N. Y.	Nitrate, gen.	2,305
Riche [5]	1	12	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Remuera	1	2	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,985
Hoperange [2]	1	2	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Philadelphia, Pa.	Lumber	8,000
K. R. Kingsbury [1]	1	2	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Gasoline	9,462
Cape of Good Hope. [2]	2	2	Brit.	Lyle Shipping Co.	Paag'ene, Soc. Is.	Hamburg, Ger.	Chrome ore	7,600
President Herrenschmidt. [1] [2]	2	2	Nor.	Pechelbronn	Lobitos, Peru	Donges, France.	Crude oil	13,233
Victor Ross [1] [2]	2	2	Pan.	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	17,463
Santa Maria [1]	1	5	Amer.	Union Oil Co.	S. Francisco, Cal.	Cristobal, C. Z.	Diesel oil	11,815
Lebore	3	3	Amer.	Bethlehem Steel Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,900
Hawaiian	2	3	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,916
Santa Isabel	2	4	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	1,204
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	313
West Mahwah	3	3	Amer.	McCormick S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,485
Exilona	3	3	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Ballast	.....
Trois Ilets	3	4	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	242
Robert Luckenbach.	3	3	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,535
J-46 [5]	3	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Chaumont [8]	2	6	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores.	477
Maria Cristinia [2]	3	13	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	75
Kanawha [2]	3	6	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	Fuel oil	3,600
Pereira	3	5	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	([13])	580
Egero [1] [2]	4	4	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Gas oil	10,999
Thistlegarth	4	4	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Cardiff, Wales.	Grain, lum.	7,555
Sanyo Maru [2]	4	5	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	New York, N. Y.	General	5,142
Segundo [2]	4	4	Nor.	Anglo-Can. Ship. Co.	Crofton, B. C.	Hull, England.	Lumber, gen.	7,244
Cerigo	4	12	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	884
Canadian Constructor.	4	5	Brit.	Can. Nat. Steamships	Brisbane, Aus'lia.	Montreal, Can.	General	1,925
Franz Klasen [1] [2]	4	5	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	([14])	17,596
Chastine Maersk [2]	5	5	Dan.	A. P. Moller	Manila, P. I.	New Orleans, La.	Sugar, copra.	7,150
Appledore	5	5	Brit.	Canadian Transp. Co.	Victoria, B. C.	S'ampton, Eng.	Grain, lum.	9,350
Temple Moat	5	5	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria,Egypt	Nitrates	7,920
President Taft	6	6	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,287
Elwood [2]	5	6	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	10,207
Koll [1] [2]	6	6	Nor.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	14,315
Minnesotan	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,118
Chipana	6	6	Amer.	Grace Line	Callao, Peru	New York, N. Y.	General	1,849
Loreto [2]	6	7	Brit.	Pacific Steam Nav.Co.	Talcahuano,Chile	Liverpool, Eng.	General	8,371
Daylight [1] [2]	6	6	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	13,249
Chaucer	6	6	Brit.	Glover Brothers	Vancouver, B. C.	London, England	Wheat, lum.	9,480
Patricia [2]	6	8	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	1,194
Santa Paula	6	7	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,136
L-41 [5]	6	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Spencer Kellogg [1]	6	7	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil.	6,685
El Aleto [1] [2]	6	7	Brit.	C. T. Bowring & Co.	Talara, Peru	Donges, France.	Crude oil	10,466
Hegira	7	7	Amer.	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,037
Taihei Maru [2]	7	7	Jap.	Mitsui Bussan Kaisha	Iloilo, P. I.	New York, N. Y.	Silk, gen.	6,392
Nordbo [2]	7	7	Dan.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Glasgow, Scot.	Wheat, lum.	7,364
San Rafael	7	7	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	5,995
Trimountain [1]	7	8	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	8,842
Excelsior	7	8	Amer.	Calmar S. S. Corp.	Bellingham,Wash	Baltimore, Md.	Ballast	.....
W. R. Keever	7	8	Amer.	Dutton Lumber Corp.	Everett, Wash.	Camden, N. J.	Lumber	7,040
Salvador	8	13	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	420
Santa Lucia	8	9	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,867
American Oriole.	8	8	Amer.	Puget Sd. Asso. Mills.	Everett, Wash.	New York, N. Y.	Lumber	7,600
Marore	9	9	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,200
Montanan	8	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,739

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [13] Coffee, empty bottles. [14] Gasoline, gas oil.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Birmingham City	8	9	Amer..	Isthmian S. S. Lines..	Pt. Angeles, Wash.	Baltimore, Md...	Lumber, gen.	6,924
Yorkmar	9	9	Amer..	Calmar S. S. Corp....	Seattle, Wash...	Baltimore, Md...	Copper, lum.	7,659
Willmoto [2]	9	9	Amer..	Williams S. S. Corp..	Seattle, Wash...	Bridgeport, Conn.	Lumber, gen.	7,780
Reginolite [1] [2]	9	9	Brit...	Imperial Oil Co.....	Talara, Peru....	Montreal, Can...	Crude oil...	12,184
K. I. Luckenbach	9	9	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	7,404
Pacific Ranger [2]	9	9	Brit...	Furness, Withy & Co.	Victoria, B. C...	Glasgow, Scot...	General.....	7,976
Vermar	9	9	Amer..	Calmar S. S. Corp...	Aberdeen, Wash.	Baltimore, Md...	Lumber.....	5,144
Skagerak [2]	9	10	Nor...	Kawasaki K. Kaisha.	Iloilo, P. I.....	New York, N. Y.	Sugar, gen..	6,861
Istmo	9	12	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	529
Filleigh	9	10	Brit...	Anglo-Can. S. S. Co..	Chermainus, B.C.	London, England	Lumber, gen.	8,424
Phaeax	9	10	Greek.	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	London, England	Wheat, lum.	10,000
Ino [2]	10	11	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	379
Trafalgar	10	10	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Hull, England...	Grain, lum..	6,900
Tidewater Associated. [1] [2]	10	11	Amer..	Tidewater Oil Co....	La Libertad, Ecu.	Donges, France..	Crude oil...	13,738
Berganger [2]	10	11	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen..	8,100
Moveria [2]	11	11	Brit...	Donaldson Line.....	Vancouver, B. C.	Glasgow, Scot...	General.....	4,727
Tuira [2]	11	12	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	58
Barbara Cates	11	11	Amer..	Christenson S. S. Co.	Seattle, Wash...	Baltimore, Md...	Lumber.....	7,350
Real [2]	11	12	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	31
Manizales	11	13	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	877
Sunoil [1] [2]	11	11	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	13,645
Trebartha	11	12	Brit...	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	New York, N. Y.	Lumber.....	6,679
Aquarius	11	11	Amer..	Lykes Bros.-Ripley...	Manila, P. I.....	New Orleans, La.	([13])	7,833
Tekoa	11	12	Brit...	N. Z. Shipping Co....	New Zealand....	Glasgow, Scot...	Frozen, gen.	6,467
American	11	11	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	Wool, gen..	5,006
Kingfisher [5]	11	...	Amer..	H. P. Parker.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Winslow [5]	11	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	Tow. barge..	.....
Peebles [2]	11	12	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	Liverpool, Eng..	Grain, lum..	9,060
Point Palmas	11	12	Amer..	Swayne & Hoyt.....	S. Francisco, Cal.	New Orleans, La.	General.....	5,051
Selma City	12	12	Amer..	Isthmian S. S. Lines..	N. West'er, B. C.	Swansea, Eng...	General.....	7,959
Knute Nelson [2]	12	13	Nor...	Fred Olsen & Co.....	Vancouver, B. C.	Oslo, Norway....	General.....	6,905
Clio [1] [2]	12	13	Pan...	W. Tankschiff Rhed'i.	Talara, Peru....	England.....	Crude oil...	12,502
Veracity [2] [6]	...4	-10	15	Brit...	C. W. A. Arthur.....	Cocos Island...	Trinidad, B. W. I.	Ballast.....	.....
Rossington Court	13	13	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	10,000
Lake Osweya [2]	13	13	Amer..	Dutton Lumber Corp.	Everett, Wash...	Providence, R. I.	Lumber.....	2,506
Trois Ilets	13	...	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee	184
Mosel	13	14	Ger...	North German Lloyd.	Talcahuano, Chile	Bremen, Ger....	General.....	11,072
Ary Lensen [2]	13	13	Brit...	Mallory Transp. Lines	Powell Riv., B. C.	Houston, Tex...	Lumber.....	3,710
Chimu [2]	13	13	Amer..	Grace Line.....	Pisco, Peru.....	New York, N. Y.	Coffee, gen..	1,787
Svithiod [1] [2]	13	13	Pan...	Standard Oil of N. J.	Talara, Peru....	Aruba, D. W. I..	([14])	8,813
West Ivis	12	15	Amer..	McCormick S. S. Co.	Vancouver, B. C.	Rosario, Arg....	Lumber, gen.	5,446
Eridan [2]	14	14	Fr....	Cie. Des Messageries Maritimes.	Noumea, N. Caled	Marseilles, Fr...	General.....	4,133
Nuevo Panama [2]	14	15	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	72
American Traveler	14	14	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General.....	3,589
Saarland	14	15	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	Nitrate, gen.	8,091
Koranton	14	14	Brit...	Empire Shipping Co..	Vancouver, B C.	Avonmouth, Eng.	Wheat, oats.	9,820
Juanita [1]	13	14	Venez.	Shell Oil Co.....	Balboa, C. Z....	Curacao, D.W.I..	Ballast.....	.....
Mauna Ala	14	14	Amer..	Matson-Isth. Line....	Pt. Allen, T. H..	New York, N. Y.	([15])	7,572
Santa Inez [2]	14	14	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	2,527
Tregantle	14	15	Brit...	Chrome Co.....	Pagoumene, Soc. I.	Dunkerque, Fr..	Chrome ore..	6,890
Athellaird [1] [2]	14	15	Brit...	United Molasses Co..	Honolulu, T. H..	Birkenhead, Eng.	Mollasses...	13,400
Montgomery City	15	15	Amer..	Isthmian S. S. Lines..	Hilo, T. H.....	Baltimore, Md...	Sugar, gen..	8,258
Queen City	15	15	Brit...	Reardon-Smith Line..	Iloilo, P. I.....	New Orleans, La.	Sugar.....	8,000
Hofuku Maru	15	15	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	East coast, U.S.A.	Sugar.....	7,500
Carica Milica	15	15	Y-Slav	Chile Nit. Sales Corp.	Iquique, Chile...	Alexandria, Eg..	Nit. of soda.	9,250
Komaki Maru [2]	15	15	Jap...	Kokusai Kisen Kaisha	Penang, St. Sett.	New Orleans, La.	General.....	7,100
Calgarolite [1] [2]	15	15	Brit...	Imperial Oil Co.....	Talara, Peru....	Montreal, Can...	Crude oil...	16,773
Harpoon	15	15	Amer..	Shepard S. S. Co.....	Seattle, Wash...	Albany, N. Y....	Lumber, gen.	7,800

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [13] Sugar, copra, hemp. [14] Benzine, kerosene. [15] Sugar, pineapples, canec.

Notice to Mariners

The following information is quoted from Notice to Mariners No. 26, dated June 26, 1936, Washington, D. C.:

(1) *Venezuela, La Guaira Harbor, mooring buoys moved.* The commanding officer of the U. S. S. *Memphis* reports that the two outer mooring buoys at La Guaira are located 190 yards 155° and 290 yards 130°, respectively, from the light on the end of the jetty. Approximate position: 10°37′45″ N., 66°56′15″ W.

(2) *Central America, Honduras, North Coast, Punta Castilla light reestablished.* The second officer of the Honduran steamer *Argual* reports that Punta Castilla light, fixed white, has been reestablished 31 feet above the water in latitude 16°01′15″ N., longitude 86°03′04″ W.

(3) *Colombia, Cartagena Harbor, depth.* The commanding officer of the U. S. S. *Nokomis* reports that soundings taken in the berth westward of the westernmost of the two piers shows a least depth of 6 fathoms. The 4½-fathom sounding will be removed from the chart. Approximate position: 10°24′ N., 75°32′ W.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of the Fiscal Years 1934-5 and 1935-6

The following is a comparison of traffic at the Suez and Panama Canals for the first 11 months of the fiscal years 1934–5 and 1935–6:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent increase	Number of transits		Percent increase
	1934–5	1935–6		1934–5	1935–6	
July	437	487	11.4	394	377	[14] 4.3
August	463	503	8.6	401	395	[14] 1.5
September	468	531	13.5	435	391	[14] 10.1
October	527	604	14.6	467	441	[14] 5.6
November	474	548	15.6	469	418	[14] 10.9
December	466	493	5.8	443	459	3.6
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[14] 3.2	432	482	11.6
May	481	484	0.6	424	488	15.1
Total	5,203	5,692	9.4	4,775	4,901	2.6

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent increase	Tolls collected		Percent increase
	1934–5	1935–6		1934–5	1935–6	
	Thousands	*of francs*		*Thousands*	*of dollars*	
July	63,210	71,730	10.0	1,823	1,684	[14] 7.6
August	69,930	71,640	2.4	1,907	1,757	[14] 7.9
September	67,860	73,410	8.2	1,948	1,781	[14] 8.6
October	78,670	85,670	8.9	2,098	1,964	[14] 6.4
November	70,720	79,790	12.8	2,138	1,797	[14] 15.9
December	70,560	71,330	1.1	1,952	1,997	2.3
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
April	79,210	70,110	[14] 11.5	1,891	2,080	10.0
May	72,140	71,010	[14] 1.6	1,996	2,081	4.3
Total	788,500	820,800	4.1	21,509	21,406	[14] 0.5

[14] Decrease.

Notice to Mariners

The following information is quoted from Notice to Mariners No. 20, dated May 13, 1936, Washington, D. C.

Panama, Pacific coast, Charco Azul (David Bay), Puerto Armuelles, pier, buoys established. The master of the Norwegian M. S. *Taranger* has furnished the following information concerning Puerto Armuelles:

(*a*) A new pier has been completed which extends about 500 yards 135° from a position on the shore 30 yards southward from Point A. The pier is about 25 yards wide for a distance of 200 yards from its head. There is a railroad on the pier and there are four conveyors for the handling of cargo.

(*b*) A fixed white light is exhibited at the end of the pier.

(*c*) A large black buoy has been established about 1,030 yards 73° from the end of the pier, in the vicinity of the 4-fathom spot. (Rep. 1931.)

(*d*) Two mooring buoys have been established 160 yards 58° and 245 yards 4° respectively, from the end of the pier. These buoys are used to work a vessel to her loading berth.

(*e*) The remains of the old pier, destroyed in 1934, is still showing above water. Approximate position: 8°16′ N., 82°52′ W.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies, available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Traffic Through the Panama Canal During Fiscal Year 1936 by Nationality

Nationality	No. of ships	TONNAGE				Tolls	Tons of cargo
		Panama Canal net	United States equivalent	Registered gross	Registered net		
Belgian	4	25,300	20,704	35,192	23,532	$22,048.00	23,202
British	1,304	7,228,505	5,132,879	8,579,476	5,192,871	6,156,365.66	6,181,571
Chilean	19	67,981	51,897	95,456	55,630	64,871.25	79,456
Danish	156	722,128	457,417	779,550	477,140	554,914.02	627,407
Danzig	3	19,943	16,090	28,068	15,719	17,217.09	16,870
Ecuadorean	1	418	395	870	407	300.96	.....
Finnish	1	.....	.....	.....	.....	1,645.00	.....
French	99	578,782	376,084	704,358	389,756	460,877.48	544,343
German	310	1,243,710	847,072	1,465,649	868,006	1,067,367.44	1,305,090
Greek	48	220,393	160,374	253,632	156,528	189,041.14	238,310
Honduran	14	22,014	19,372	35,714	20,220	20,032.54	5,959
Hungarian	1	3,111	2,646	3,872	2,353	3,307.50	6,020
Italian	47	343,838	209,183	406,863	241,754	259,757.26	160,262
Japanese	271	1,607,914	1,196,490	1,928,220	1,191,313	1,479,731.33	1,697,880
Mexican	1	.....	.....	.....	.....	721.00	.....
Netherlands	139	609,973	413,285	697,436	416,307	495,782.63	511,620
Norwegian	556	2,622,289	1,763,118	2,937,747	1,765,574	2,079,501.09	2,717,860
Panamanian	201	654,890	509,701	917,578	506,418	570,231.74	654,610
Peruvian	4	6,560	5,916	8,620	4,676	7,395.00	4,109
Spanish	7	31,575	26,600	42,468	26,299	28,787.39	35,415
Swedish	131	615,596	426,810	1,050,872	520,868	488,048.29	855,409
United States	2,045	11,323,440	7,785,168	13,060,738	7,708,570	9,437,141.50	10,700,535
Venezuelean	4	4,324	4,232	8,168	4,320	4,181.40	3,845
Yugoslavian	16	71,733	55,878	89,712	55,685	69,847.50	136,170
Total, fiscal year 1936	5,382	28,024,417	19,481,311	33,130,259	19,643,946	23,479,114.21	26,505,943
Total, fiscal year 1935	5,180	27,805,588	19,428,658	33,013,356	19,609,276	23,307,062.93	25,309,527
Total, fiscal year 1934	5,234	28,550,953	20,333,299	34,347,583	20,523,877	24,047,183.44	24,704,009

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons and over, Panama Canal measurement, and foreign naval vessels of 500 tons displacement and over.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels of 500 tons displacement and over which transited the Canal during the fiscal year 1936 and paid tolls on the basis of displacement, as follows:

Nationality	No. of transits	Displacement tonnage	Tolls
British	9	49,672	$24,836.00
Finnish	1	3,290	1,645.00
German	3	18,592	9,296.00
Mexican	1	1,442	721.00
Total	14	72,996	36,498.00

Directory of The Panama Canal

Executive Department

Headquarters, Balboa Heights

COL. J. L. SCHLEY, U.S.A., Governor.
L. A. Poltrino, Secretary.
C. A. MCILVAINE, Executive Secretary.
C. M. LUPFER, Chief Clerk, Executive Office.
GUY JOHANNES, Chief, Police and Fire Division.
C. H. CALHOUN, Chief, Division of Civil Affairs.
BEN M. WILLIAMS, Superintendent, Division of Schools.
SEYMOUR PAUL, Chief Personnel Officer, Division of Personnel Administration.
E. F. ATTAWAY, General Secretary, Bureau of Clubs and Playgrounds.
F. H. WANG, General Counsel, Panama Canal.
PAUL A. BENTZ, Assistant General Counsel, Panama Canal.
N. A. BECKER, Land Agent and Assistant Counsel, Ancon.
ROBERT W. GLAW, Paymaster.
ALFRED H. MOHR, Collector.
LT. F. H. SMITH, JR., Aeronautical Inspector.

Department of Operation and Maintenance

(Under immediate direction of the Governor as head of the department)

Headquarters, Balboa Heights

Col. C. S. Ridley, U.S.A., Engineer of Maintenance.
J. G. Claybourn, Superintendent, Dredging Division.
Leonard Foote, Assistant Superintendent, Dredging Division, Paraiso.
L. B. Moore, Office Engineer in Charge Plans Section.
Maj. W. D. Styer, U.S.A., Assistant Engineer of Maintenance.
E. S. Randolph, Designing Engineer, Office Engineer Section.
A. C. Garlington, Electrical Engineer, Electrical Division.
G. W. Green, Municipal Engineer, Division of Municipal Engineering.
L. B. Moore, Office Engineer.
E. D. Stillwell, Superintendent, Locks Division, Pedro Miguel.
R. Z. Kirkpatrick, Chief of Surveys, Section of Surveys.
Capt. W. F. Jacobs, U.S.N., Marine Superintendent, Marine Division.
Comdr. John G. Moyer, U.S.N., Captain of the Port, Cristobal.
Lt. Comdr. Bertram J. Rodgers, U.S.N., Captain of the Port, Balboa.
Lt. H. C. Patton, U.S.N., Assistant to Marine Superintendent.
Board of Local Inspectors, Comdr. John G. Moyer, U.S.N., *Chairman*, Lt. Comdr. Bertram J. Rodgers, U.S.N., and Lt. H. C. Patton, U.S.N., members.
Fred de V. Sill, Director of Admeasurement.
Board of Admeasurement, Capt. W. F. Jacobs, U.S.N., *Chairman*, F. de V. Sill, Balboa Heights, F. E. Williams, Cristobal, E. E. Hamlin, Balboa, members.
John J. Walker, Recorder for Board of Local Inspectors and Board of Admeasurement.
O. Maessen, Inspector of Hulls and Boilers.
F. Kariger, Pilot in Charge, Lighthouse Subdivision, Gatun.
Comdr. C. F. Osborn, Construction Corps, U.S.N., Superintendent, Mechanical Division, Balboa.
H. H. Evans, Assistant Superintendent, Mechanical Division, Balboa.
Lt. Dale Quarton, U.S.N., Assistant to the Superintendent, Mechanical Division, Balboa.
W. H. Stone, Production Superintendent, Cristobal Shops, Cristobal.

Supply Department

Headquarters, Balboa Heights

Roy R. Watson, Chief Quartermaster.
J. H. K. Humphrey, 1st Asst. Chief Quartermaster.
L. W. Lewis, 2d Asst. Chief Quartermaster.
Samuel Grier, Superintendent, Motor Transportation Division.
W. R. Lindsay, Acting Director, Canal Zone Experimental Gardens, Summit.
B. C. Poole, District Quartermaster, Ancon-Balboa, Balboa Heights.
J. M. King, District Quartermaster, Cristobal-Gatun, Cristobal.
C. Peters, District Quartermaster, Pedro Miguel-Gamboa, Pedro Miguel.
Wm. T. McCormack, Manager, Hotel Tivoli, Ancon.
Jas. E. Lewis, Manager, Hotel Washington, Cristobal.
A. W. Goulet, General Manager, Commissary Division, Mt. Hope (P.R.R.).
Fay E. Powell, Constructing Quartermaster.
E. H. Parmelee, General Storekeeper, Balboa.
T. A. Aanstoos, Printer, Panama Canal Press, Mount Hope.

Accounting Department

Headquarters, Balboa Heights

H. A. A. Smith, Comptroller, The Panama Canal.
Wilson H. Kromer, Assistant Comptroller on the Isthmus.
Carl F. Chase, Chief Accountant.
T. M. Drake, Chief Examiner.
H. H. Hudson, Claim Officer.
J. R. Bobbitt, Railroad Accountant.

Health Department

Headquarters, Balboa Heights

Col. O. G. Brown, U.S.A., Chief Health Officer.
Dr. D. P. Curry, Assistant Chief Health Officer.
Dr. O. E. Denney, Surgeon, U.S.P.H.S., Chief Quarantine Officer.
Col. Edgar King, U.S.A., Superintendent, Gorgas Hospital, Ancon.
Maj. James F. Bethea, U.S.A., Superintendent, Colon Hospital, Cristobal.
Lt. Col. James B. Anderson, U.S.A., Superintendent, Corozal Hospital, Corozal.
Dr. J. C. Ellington, Health Officer of Panama City, Ancon.
Dr. J. L. Byrd, Health Officer of Cristobal-Colon, Cristobal.
Dr. C. A. Hearne, Quarantine Officer, Cristobal.
Dr. J. D. Odom, Quarantine Officer, Balboa.

Wage and Complaints Boards

Balboa Heights

Wage Board:

Maj. W. D. Styer, representing The Panama Canal.
Charles F. Wahl, representing employees.

Complaints Board:

Maj. W. D. Styer, and Head of Department or Division interested, representing The Panama Canal.
Charles F. Wahl, representing employees, and representative (employee) of employee complaining.

The Panama Canal in the United States

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F. B. Heimer, Acting Chief of Office.
F. B. Heimer, Assistant to the Chief of Office.
E. D. Anderson, Chief Clerk, Purchasing Department, Acting General Purchasing Officer.
A. Bruckner, Assistant Comptroller.
W. J. Sheridan, Assistant Purchasing Agent, 24 State St., New York, N.Y.
W. A. E. Doying, Inspecting Engineer, Washington, D.C.

Panama Railroad Company

Headquarters, Balboa Heights

Col. J. L. Schley, U.S.A., President.
Col. C. S. Ridley, U.S.A., Second Vice President.
R. B. Walker, General Manager.
Chas. W. Lee, Assistant to the General Manager and Commercial Agent.
P. L. Malone, Master of Transportation.
E. N. Stokes, Roadmaster.
C. T. Lindsay, Receiving and Forwarding Agent, Cristobal.
John O. Collins, Counsel, Balboa Heights.
F. H. Wang, Special Counsel, Balboa Heights.

Office in the United States, 24 State Street, New York City

T. H. Rossbottom, Vice President.
W. R. Pfizer, Assistant to Vice President and Secretary.
V. M. Newton, Treasurer.
G. L. Selkirk, Auditor.
W. J. Sheridan, Commissary Purchasing Agent.
T. S. Sprague, Freight Traffic Manager.
W. K. B. Potts, Superintendent.
R. R. Rogers, Special Counsel.
A. M. Gibson, Passenger Agent.

Courts of Canal Zone

U. S. District Court:

Richard C. P. Thomas, District Judge, Ancon.
J. J. Walker, Clerk of Court, Ancon.
C. T. McCormick, Deputy Clerk of Court, Cristobal.
J. J. McGuigan, District Attorney, Ancon.
J. E. Hushing, United States Marshal for the Canal Zone, Ancon.

Magistrates Courts:

P. E. Murray, Magistrate, Balboa.
E. I. P. Tatelman, Magistrate, Cristobal.

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